

19991215.qrp v01_n670.qrl.991215

Date: Wed, 15 Dec 1999 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1670

QRP-L Digest 1670

Topics covered in this issue include:

- 1) [58056] RE: Vacuum tube rigs for milliwattting A LOT OF FUN !
by "Ed Tanton" <n4xy@att.net>
- 2) [58057] Re: HB: Drawing program input wanted
by Paul Kaczmarek <Catmandu@freewwwweb.com>
- 3) [58058] solder station
by Anthony Felino <anthony@pacinfosb.com>
- 4) [58059] FS or FT: embedded Intel 386 EVM's
by "Tom Scott" <tscott@eni.net>
- 5) [58060] Re: [57967] HP voltage sensing LED
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 6) [58061] Re: ARRL Frequency Guide
by Ray Colbert <af852@rgfn.epcc.edu>
- 7) [58062] Re: "new" boat anchor
by Ray Colbert <af852@rgfn.epcc.edu>
- 8) [58063] interesting link
by "Howard" <howardw7ilw@earthlink.net>
- 9) [58064] QRP Wattmeter
by "Brian L. Lewis" <bl@csi.com>
- 10) [58065] Re: Screw Driver antenna.
by Wayne Alexander <walexan@ipa.net>
- 11) [58066] QRP Contest Calendar 2000
by "Ron Polityka" <wb3aal@talon.net>
- 12) [58067] Re: QRP Wattmeter
by "Ron Polityka" <wb3aal@talon.net>
- 13) [58068] Re: [Elecraft] Weller Stations on Sale !!
by "William Rumball" <ve3kgj@hotmail.com>
- 14) [58069] Nice to see things back to normal
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 15) [58070] Re: [Elecraft] Weller Stations on Sale !!
by Dave Marling <dbm@klis.com>
- 16) [58071]
by "Richard Matthews" <prm@hiwaay.net>
- 17) [58072] 80m CW activity low?
by "Steve/n0tu" <n0tu@webaccess.net>
- 18) [58073] Re: Learning Code is Easy
by "K7FD-N7SG" <cqdx@teleport.com>
- 19) [58074] RE: QST QRP column a reality

- by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 20) [58075] The DSW-40 is finished!
by "Dan W. Dooley" <dandooley@pipeline.com>
- 21) [58076] Re: [Eleccraft] Weller Stations on Sale !!
by "Vincent Ferme" <vferme@sprint.ca>
- 22) [58077] ARRL 10M CW
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 23) [58078] TT2 Question
by Michael W Addiego <vera132@juno.com>
- 24) [58079] QRP Power Supply
by "Dan W. Dooley" <dandooley@pipeline.com>
- 25) [58080] QRP Contest Calendar 2000
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 26) [58081] Re: Norcal Net/QRQpractice net.
by NB6M@aol.com
- 27) [58082] FS: Elecraft K2 Kit # 711
by Paul Womble <pwomble1@tampabay.rr.com>
- 28) [58083] RE:Boatanchors....
by jmarran@juno.com
- 29) [58084] af4ps rules!
by sergio <sruiz@bright.net>
- 30) [58085] Re: 80m CW activity low?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 31) [58086] WTB: AEA 10m HT
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 32) [58087] looking for frequency counter..
by sergio <sruiz@bright.net>
- 33) [58088] RE: RS SPeaker-wire "Transmission Line"
by aweiss@usd.edu (Ade Weiss W0RSP)
- 34) [58089] CW over FM rig
by Jon Iza <iapizloj@biccc00.bi.ehu.es>
- 35) [58090] Re: The Morse Code
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 36) [58091] Re: QRP Wattmeter
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 37) [58092] Notes for DX ops
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 38) [58093] Re: HB: Drawing program input wanted
by "George Edwards" <gedwards@onramp.net>
- 39) [58094] Battery ??- Is it or ain't it?
by AA3BP@aol.com
- 40) [58095] FOX: N4DD is FOX on Wednesday 12/15 at 9pm EST
by "Dennis Brickey" <n4dd@preferred.com>
- 41) [58096] Power calculations from RF voltage
by "Dan W. Dooley" <dandooley@pipeline.com>
- 42) [58097] FCC:Upgrade/Callsign ??
by Mark S Adams <msadams@acsu.buffalo.edu>
- 43) [58098] Re: looking for frequency counter..

by "Rod Cerkoney" <rlw@friei.com>
44) [58099] Re: FCC:Upgrade/Callsign ??
by "Bill Allen" <bill@pcatexas.com>
45) [58100] Re: RS SPeakier-wire "Transmission Line" [and "computer ribbon
feedlines"]
by "George Heron N2APB" <n2apb@erols.com>
46) [58101] Re: FCC:Upgrade/Callsign ??
by "Rod Cerkoney" <rlw@friei.com>
47) [58102] Re: Power calculations from RF voltage
by "Rod Cerkoney" <rlw@friei.com>
48) [58103] Re: FCC:Upgrade/Callsign ??
by Roger Hightower <n7kt@earthlink.net>
49) [58104] MCW schematic
by "AI2Q Alex" <ai2q@ispchannel.com>
50) [58105] Re: FCC:Upgrade/Callsign ??
by "Pat Cain, K0PC" <pcain@netscape.net>
51) [58106] Good kits to start with
by Bryan Koen <bryan@koen.net>
52) [58107] Code
by hattonte@gdls.com
53) [58108] 2000 ARRL Leather Bound Radio Amateurs Handbook
by "Mark A. Andrews" <KE4IOF@HiWAAY.net>
54) [58109] Re: Good kits to start with
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
55) [58110] RE: Good kits to start with
by "Dan W. Dooley" <dandooley@pipeline.com>
56) [58111] O.T.....Bird Slug Calibration
by Dave Barrett <DBarrett@creo.com>
57) [58112] Final measurement figures
by "Dan W. Dooley" <dandooley@pipeline.com>
58) [58113] Re: Good kits to start with
by Richard Matthews <prm@hiwaay.net>
59) [58114] Re: Upgrade/Callsign
by w4pj@w4bkx.ampr.org
60) [58115] Re: Power calculations from RF voltage
by Charles Greene <cgreene@loa.com>
61) [58116] Re: FCC:Upgrade/Callsign ??
by Chris Cartwright Sr <ccart@phideaux.com>
62) [58117] HB: SMD Parts Suppliers? Baggy Bob?
by "Brad Hernlem" <alihernlem@hotmail.com>
63) [58118] Re: Good kits to start with
by igeq100@iupui.edu
64) [58119] Re: Power calculations from RF voltage
by Arjen Raateland <Arjen.Raateland@vyh.fi>
65) [58120] Re: Good kits to start with
by "Mike Yetsko" <myetsko@insydesw.com>
66) [58121] Re: Good kits to start with
by Richard Matthews <prm@hiwaay.net>

- 67) [58122] Re: O.T.....Bird Slug Calibration
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 68) [58123] Re: FCC:Upgrade/Callsign ??
by Marty Squicciarini <marty_skitch@yahoo.com>
- 69) [58124] Re: QRP Contest Calendar 2000
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 70) [58125] 2000 ARRL Leather Bound Radio Amateurs Handbook
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 71) [58126] test
by "Bill Allen" <bill@pcatexas.com>
- 72) [58127] C.M. Howes Communications Kits
by "Bill Allen" <bill@pcatexas.com>
- 73) [58128] code - building proficiency
by "Bill Allen" <bill@pcatexas.com>
- 74) [58129] Re: RS SPeaker-wire "Transmission Line" [and "computer ribbon feedlines"]
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 75) [58130] Calling N5JI
by Ed Loranger <we6w@qsl.net>
- 76) [58131] Re Questions
by CLAUDE PALUSKI <claudewb9euu@juno.com>
- 77) [58132] Re: Upgrade/Callsign
by Bob Patten <n4bp@bc.seflin.org>
- 78) [58133] RE: code - building proficiency
by "Dan W. Dooley" <dandooley@pipeline.com>
- 79) [58134] RE: Re Questions
by "Dan W. Dooley" <dandooley@pipeline.com>
- 80) [58135] NETS
by Ed Loranger <we6w@qsl.net>
- 81) [58136] Re: Slashed zero
by CLAUDE PALUSKI <claudewb9euu@juno.com>
- 82) [58137] Re: 80m CW activity low?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 83) [58138] Re: Slashed zero
by George Badger <geo@mbari.org>
- 84) [58139] Re: code - building proficiency
by "Bill Allen" <bill@pcatexas.com>
- 85) [58140] Re: Balanced Transmission Line & Antenna Tree Supports
by "Arthur G. Silvers" <ags@ieee.org>
- 86) [58141] test
by "NR6Z" <wonil@earthlink.net>
- 87) [58142] Re: RS SPeaker-wire "Transmission Line" [and "computer ribbon feedlines"]
by "Chuck Carpenter" <w5usj@globeco.net>
- 88) [58143] test
by "Wonil Lim" <wonil@earthlink.net>
- 89) [58144] Re: Upgrade/Callsign
by "George T. Baker" <w5yr@worldnet.att.net>

- 90) [58145] Oscilloscope info
by Roger Hightower <n7kt@earthlink.net>
- 91) [58146] Re: code - building proficiency (W5YI's URL)
by "Radman" <radman@best.com>
- 92) [58147] test
by "Wonil Lim" <wonil@earthlink.net>
- 93) [58148] Re: Slashed zero
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 94) [58149] Re: Slashed zero
by "Chris" <w4yyz@tampabay.rr.com>
- 95) [58150] Re: Power calculations from RF voltage
by Bob Nielsen <nielsen@primenet.com>
- 96) [58151] Re: Upgrade/Callsign
by Kr01a@aol.com
- 97) [58152] Re: O.T.....Bird Slug Calibration
by Pete Burbank <plburbank@kih.net>
- 98) [58153] FW: Re: Slashed zero
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 99) [58154] Re: Upgrade/Callsign
by Bob Nielsen <nielsen@primenet.com>
- 100) [58155] N/T+ Fox : KF4YWT NOT!
by dnt1@daimlerchrysler.com
- 101) [58156] Re: Upgrade/Callsign
by Roy <marion@montana.com>
- 102) [58157] Re: 80m CW activity low?
by "Kent, AE4Y" <ae4y@hotmail.com>
- 103) [58158] Cleaning shack
by Wayne A Smith <k8ff@juno.com>
- 104) [58159] Where Get QRP 2000 Contest Calendar?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 105) [58160] Slashed Zero
by Ron White <rwhite@netins.net>
- 106) [58161] Re: looking for frequency counter..
by NB6M@aol.com
- 107) [58162] Re: code - building proficiency
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 108) [58163] ARRL 10M Contest Results
by Dean W Manley <kh6b@juno.com>
- 109) [58164] Re: QRQ NET
by NB6M@aol.com
- 110) [58165] Re: O.T.....Bird Slug Calibration
by "George T. Baker" <w5yr@worldnet.att.net>
- 111) [58166] Re: 80m CW activity low?
by KB0R@aol.com
- 112) [58167] Re: 2000 ARRL Leather Bound Radio Amateurs Handbook
by "Steve Yates, AA5TB" <aa5tb@swbell.net>

Date: Tue, 14 Dec 1999 19:13:49 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <cgreene@loa.com>
Cc: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
Subject: [58056] RE: Vacuum tube rigs for milliwattting A LOT OF FUN !
Message-ID: <NBBBJDEEIFDDANGEGHLBKEGIICAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm using my Hallicrafters HT-18 on 40M nightly ~7.040 running 4W using a single 6L6 (it's supposed to be a high-level VF0... for the HT-17 I think.)

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 14 Dec 1999 19:47:17 -0500
From: Paul Kaczmarek <Catmandu@freewwwweb.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58057] Re: HB: Drawing program input wanted
Message-ID: <3856E515.F738767D@freewwwweb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A great little program I found is DeltaCad. Simple as a paint program. But has lots of options, dimensioning, rotating, zoom, ect. You can even download a trial program.
<http://www.dcad.com/>

Try it before you pass it off as a "paint" program. It so simple you think it can't do more till you try it.

Paul KB2TPA Cheektowaga NY, Sierra, Argosy, Pepperdog

Date: Tue, 14 Dec 99 16:29:34 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: jmb@cruzio.com, qrp-l@lehigh.edu
Subject: [58058] solder station

Message-ID: <Chameleon.945218302.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You don't need to buy the handle assembly, all the parts inside are available as replacements. There are two parts that fail, the switch and the heater element. You don't really need a schematic: the switch is in series with the heater and the power supply. Just take notes as to how it came apart. If the heater element shows the proper resistance then the problem is the switch. The switch fits inside the element. It should close when you butt it up against the end of a tip as it sits when assembled. The switch is magnetic and it closes when it sees the tip. When it heats the tip up to beyond the Curie point of the magnetic material, the switch opens and lets the tip cool down.

original msg:

Bill,

I've narrowed the problem down to the handle assembly (heater, switch, etc). The transformer in the base is fine. A new handle assembly costs \$78 (hardly worth it).

73, WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com
telephone: (805) 730 1565, x25

Date: Tue, 14 Dec 1999 16:45:13 -0800
From: "Tom Scott" <tscott@eni.net>
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>
Subject: [58059] FS or FT: embedded Intel 386 EVM's
Message-ID: <000001bf4695\$a8787040\$68100f0a@wyle.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In order to finance my next QRP purchase, I wonder if there is anyone out there who could make use of one or more Intel386 EX Embedded Microprocessor Evaluation Boards, PN EV386EXBRD. I have three brand new with documentation and software. I think these went for several hundred dollars new, but if someone has a project that could use these, I can let them go very cheaply,

make me an offer.

Forgive me if this seems too off-topic, but this group seems to do a lot of experimenting, and I thought someone here might be interested.

Please reply off-list.

- Tom

Date: Tue, 14 Dec 1999 17:24:50 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: pcarter@gcfn.org
Cc: qrp-1@lehigh.edu
Subject: [58060] Re: [57967] HP voltage sensing LED
Message-ID: <199912150124.RAA22016@netcom.com>

I have checked the Agilent web site for this, and nothing was found for that part number. I think that means it's no longer available.

Agilent is the name of the HP spinoff that does all the traditional HP stuff, now that HP is strictly computers.

Sigh, I worked at HP Labs in Palo Alto from about 1980 to '85, and for a while, my office was directly below Bill and Dave's. The split may be good for the stock, but

73, doug

Date: Mon, 13 Dec 1999 21:54:26 -0500 (EST)
From: Philip L Carter <pcarter@gcfn.org>

Gang:
I found the data on the LED:

HP 5082-4732
Described in HP Optoelectronics Designer's Catalog 1981 on page 195.

I even found my spare. As I recall I got mine from either Allied, Newark, or Hall-Mark Electronics, but it has been a long time.

NRE/COLE Test Center OH-3
pcarter@gcfn.org or wd8qwr@arrl.net
Philip L. Carter, WD8QWR
wd8qwr@w8cqk.#cmh.oh.usa.na

Date: Tue, 14 Dec 1999 19:09:35 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: malman@world.std.com
Subject: [58061] Re: ARRL Frequency Guide
Message-ID: <3856F85F.2050D494@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think that is because they do not follow what they print, nor does the FCC take action because it is not in their interest. I complained in correspondence to ARRL (QST), division director, and the FCC about the automatic data operations which operate picket fence style (every 1 Khz) from 10.120 to past 10.127, which is clearly in violation of the FCC rules about automatic data operations SHALL occur 10.140-10.150 Mhz. The stations come on, without regard to if the frequency is in use or not. To date no one has bothered to even acknowledge that this is happening, causing a problem much less take any action. I no longer operate the band, which was a good qrp cw and rtty band before. I don't think you will have much luck, Joel, complaining or asking questions they really have no answer for. But keep asking and good luck. I for one would like to know how/why.

73

Ray

--
"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 14 Dec 1999 19:17:06 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: K2UD@aol.com
Subject: [58062] Re: "new" boat anchor
Message-ID: <3856FA22.9ECCF4F6@rgfn.epcc.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That was the SR-75 which came out in 1952 and for only a short time, to take advantage of the "NEW" novice license. It was a basic S38 but with a tank coil, crystal socket t/r switch and used the audio amp- 50L6 as the power oscillator. 5 watts was the rated power - not sure if that was in or output, but I suspect it was the input power. I don't think I have ever seen one nor heard one, only have seen the ads in QST of that era.

73

Ray

--

"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 14 Dec 1999 19:13:40 -0700
From: "Howard" <howardw7ilw@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [58063] interesting link
Message-ID: <199912150214.SAA27940@swan.prod.itd.earthlink.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Ham Radio Y2K Balloon Launch.

www.caribooweb.com/y2kballoon

Howard - W7ILW - Prescott, AZ

Date: Tue, 14 Dec 1999 20:24:44 -0600
From: "Brian L. Lewis" <bl@csi.com>
To: qrp-l@lehigh.edu
Subject: [58064] QRP Wattmeter
Message-ID: <3856FBEC.34A560EE@csi.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have been sitting out of ham radio a year or two...Back in it again
after settling in new home...

I remember a qrp wattmeter kit ..called a WM???.

Where do I track one down? I would like to try some QRPp and want an
accurate low power reading reading.

I would like to get a hold of one as a kit or assembled.

Thanks..

Brian Lewis

K5RV qrp-l #324

Date: Tue, 14 Dec 1999 20:25:52 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@lehigh.edu
Subject: [58065] Re: Screw Driver antenna.
Message-ID: <4.2.0.58.19991214202439.0096a520@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks for all the replies.
I have talked with Don and he is sending
Me a manual for it.Thanks everyone.

73,
N0EA
Wayne
Willard,M0
FISTS # 4907
QRP-L # 1058

Date: Tue, 14 Dec 1999 21:35:58 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [58066] QRP Contest Calendar 2000
Message-ID: <002801bf46a5\$2257f0c0\$14e508cf@wb3aal>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

We will ship the QRP Contest Calendar 2000 out
on Dec. 15, 1999. Everybody that sent their \$'s in for
the calendar will have their order ship on Wednesday.
You should have the calendar before Christmas.

As I receive any incoming orders I will ship them out
as soon as possible.

If you would like to order one there is still time. Please
check out this web page for the information.
http://www.kpsnet.com/wb3aal/Start_Page.htm

Thanks & Happy Holidays.
72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>
100 + Work Units Completed

Date: Tue, 14 Dec 1999 21:39:08 -0500
From: "Ron Polityka" <wb3aal@talon.net>

To: ". QRP-L" <qrp-l@Lehigh.EDU>, <bl@csi.com>
Subject: [58067] Re: QRP Wattmeter
Message-ID: <003101bf46a5\$9559c620\$14e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Brian,

Check out this web page for the WM-2 wattmeter.

<http://www.ohr.com/>

Happy Holidays.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>
100 + Work Units Completed

Date: Tue, 14 Dec 1999 21:57:37 EST
From: "William Rumball" <ve3kgj@hotmail.com>
To: w7ox@mindspring.com, qrp-l@Lehigh.EDU
Subject: [58068] Re: [Elecrafft] Weller Stations on Sale !!
Message-ID: <19991215025737.68706.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For the Canadians out there wanting to order from the US... I ordered a WTCPT from Wassco this month and was shocked when it came to the door! I was charged \$31.75 plus the dreaded GST for Brokerage fees. I asked the UPS driver about this and he said that if you ship via UPS Standard the shipment gets stopped at the border and must have a broker release it BUT if you send it UPS Expedited it gets flown in and doesn't need a broker.(hay, this is government stuff and doesn't make sense to me either) He said the Expedited costs \$10 more but this is made up for by the savings on the broker fees..

Just before this I ordered and received a DSW40 which was sent via parcel post - this did not have any brokerage fees applied but I did get zinged for GST and PST.

Bill, VE3KGJ

>From: Phil Wheeler <w7ox@mindspring.com>
>Reply-To: w7ox@mindspring.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: [Elecraft] Weller Stations on Sale !!

>Hmmm .. WASSCO must run that sale a couple of times a year. I paid
>\$79.95 for my WTCPT in June, and it has really improved the quality of
>my soldering over the old low power pencil iron.

>

>Phil

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 14 Dec 1999 22:19:31 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [58069] Nice to see things back to normal
Message-ID: <385708C3.F838B483@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I know our list went through a bit of a hiccup recently what with the changes in operation, management and all. Judging by the number of posts and the many neat conversations (and side conversations) I'd just like say thanks to everybody for sticking with things through the "restructuring". QRP-L remains the neatest place on the web. The discussion here, even when it roves off the topic, keeps my mind going.

Again, thanks to everyone and a very Happy Holidays to all on the list.

BTW, if you happen to work N2EI during the rest of December I've whipped up a Holiday QSL card just for the occasion.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 14 Dec 1999 23:17:44 -0400
From: Dave Marling <dbm@klis.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58070] Re: [Elecraft] Weller Stations on Sale !!
Message-ID: <38570858.C300981@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Rumball wrote:

>

> For the Canadians out there wanting to order from the US... I ordered a
> WTCPT from Wassco this month and was shocked when it came to the door! I was
> charged \$31.75 plus the dreaded GST for Brokerage fees. I asked the UPS

It's my understanding that this is UPS policy. Stuff coming in via mail gets brokered by Canada Post who are much nicer when it comes to fees :)

If we order from a US supplier specify US postal service to keep the costs down.

Dave
VE1VQ

Date: Tue, 14 Dec 1999 21:21:40 -0600
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-1@Lehigh.edu>

Message-ID: <005c01bf46ab\$81ba85e0\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

O.K., Help

Just finished building a WM-2 wattmeter and alignment went fine down to the last adjustment for the 100mw range. R6 is suppose to adjust down to .251 v but will only go down to .430 v and the next step the 100mw meter is pegged full and is not affected by adjusting R14.

Any ideas?

Richard, WA4NWW

Date: Tue, 14 Dec 1999 20:25:56 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [58072] 80m CW activity low?
Message-ID: <000301bf46ac\$19de9500\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just curious if it's my imagination or has 80m CW activity dropped off the last couple years?

I can remember maybe ten years ago during the dark cold winter evenings tuning across 80 and hearing lots of strong QS0s. I wouldn't say it was crowded ...but still maybe you would here 30 or so signals tuning up from the bottom of the band. Recently I've been listening while melting soldier and I rarely hear more 5 or 6 QS0s going in the bottom100KHz. Are all the old CW ops fading away or just busy shopping online or trying out their K2 SSB option? Seriously, I think 80m CW activity seems to have dropped off compared to years past! IMHO

Steve/n0tu

Date: Tue, 14 Dec 1999 19:26:02 -0800

From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58073] Re: Learning Code is Easy
Message-ID: <00c001bf46ac\$1fd78340\$9a231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NB6M says:

>The point I was making is that everyone's receiving
>ability lags slightly behind their sending ability, whatever speed that
>happens to be.

Hmmm, sorry can't agree with this one. I can copy much faster than I can send...at least in my case, my mind works faster than my fingers. I can copy solid code 8 wpm faster than I can send error free code. I find about 38 wpm is my limit in receiving solid cw, in my head or with pencil and paper. When sending with the keyer, about 30 wpm is tops for consistently clean cw.

All that being said, I'm happiest just plunking along at 19 to 20 wpm...however, I did enjoy WE6W's QRQ (very humbling, btw) practice the other night. Sweaty palms, racing heart...now why am I getting so nervous...this is fun?? Actually it was!

I like CW primarily because the other op has to think before he opens his 'mouth', so to speak. You and I that practice the ancient art of cw actually have to THINK of what we are going to say BEFORE we say it -- how refreshing that is nowadays!

72 John K7FD

PS...I loved seeing that new QRP column in QST. In fact, the whole issue seemed much more in tune with Amateur Radio as we head for year 2000...

Date: Tue, 14 Dec 1999 22:26:43 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [58074] RE: QST QRP column a reality
Message-ID: <38570A73.D589BF33@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep!!!! Rich's column is a reality and QRP has finally taken its rightful place in the Journal of Amateur Radio. I know a lot of folks have worked really hard over the years to bring the QRP community to its current level of respect in the hobby. We all need to give Rich our support with information and ideas.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 14 Dec 1999 21:29:47 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-1@Lehigh.EDU>
Subject: [58075] The DSW-40 is finished!
Message-ID: <005801bf46ac\$a3d18600\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got everything connected tonight and applied power for the first time. All checks were optimal (sounds like NASA talk), and I heard noise in the phones and saw power on the wattmeter. Guess that means I made no mistakes in wiring (well, one or two earlier in the assembly process).

I'm supplying about 13.6 volts and power output is showing just a hair under 2 watts. Does that sound about right? Disclaimer: This is measured on my old Drake WH7 on the 20 watt scale so accuracy is suspect.

Next, I've got to wire a key to the plug rather than shorting out contacts with a screwdriver to test out the rig.

One more thing... How close do I need to get on trying to match the two tones - sidetone and keying? Not sure my ear is that accurate.

Dan W. Dooley WB5TKA Y2K Complacent
e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Tue, 14 Dec 1999 22:35:19 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58076] Re: [Elecraft] Weller Stations on Sale !!
Message-ID: <003901bf46ad\$69f03660\$c20f6395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Been there, paid that :))

If it must be sent by courier, you are better off with FEDEX (all the extras at no extra charge - remember the ad). First choice is always Canada Post, if it's stopped by customs you pay CAD\$5.00 brokerage plus the GST. I was never charged any duty on hamradio stuff.

73 de Vince, VE3VFN.

P.S. No connection with either FEDEX or Canada Post.

----- Original Message -----
From: "William Rumball" <ve3kgj@hotmail.com>

For the Canadians out there wanting to order from the US... I ordered a WTCPT from Wassco this month and was shocked when it came to the door! I was charged \$31.75 plus the dreaded GST for Brokerage fees. I asked the UPS

Date: Tue, 14 Dec 1999 20:41:16 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L message" <qrp-l@Lehigh.edu>

Subject: [58077] ARRL 10M CW
Message-ID: <007801bf46ae\$5782b1a0\$a5ad30d0@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Too many off times for a good score but here's what 14 hours did for me.
Mostly
S&P as usual....wiked 45 states, 34 countries but no new ones. Best S&P rate
was 34/hr.

Band	QSOs	Points	Mults	Countries
10CW	250	1000	51	30

Final Score = $1000(51+30) = 81,000$ points
TS850@5W to 3el. yagi.....Log-TR

NQ7X Phoenix ScQRPion DM33uq

Date: Tue, 14 Dec 1999 22:47:00 -0400
From: Michael W Addiego <vera132@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [58078] TT2 Question
Message-ID: <19991214.224702.-427289.2.vera132@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gentlemen,

Probably a silly question but, seeing as the TT2 needs a "straight key"
to work effectively (George Heron was good enough to send me some
instructions to rig it for paddles), where can I find a nice project plan
to make my own straight key. I've never used one in my life so, I guess
the other question is...am I ruined for life because I've grown somewhat
accustomed to my Bencher Iambic paddles. That's two questions...72/73

Michael Addiego
KC2AEF FISTS #6230
vera132@juno.com

p.s. hello Preston

Date: Tue, 14 Dec 1999 21:46:23 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [58079] QRP Power Supply
Message-ID: <005a01bf46ae\$f59faf00\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wanted to make my power supply as portable as possibly. The ideal supply would be one of the self contained (believe they're sometimes called) wall-warts. The ones I had in my "collection" were either too low in voltage/current or outputted AC.

I found one which listed output at 12vac at 1.25 amps. It was physically a little larger than some others I had, so I wondered about the possibility of "converting" it to DC operation. I looked at the output on the O-scope and saw that P-P voltage was well over 12.

I carefully cracked it open at the seam and was pleased to find a fair amount of empty space inside. OK, to shorten this post, I was able to put in a bridge rectifier, two physically small but good sized electrolytics and a LM317 regulator and associated resistors. Resulting voltage is 13.62 volts of ripple free and stable DC even under load from the DSW-40.

To top it off, the plug at the end of the cord just happens to be the same as required by the radio.

I tested for heat before I put the cover back on. As expected, the core of the xfmr gets warm, but not hot. The regulator never got above room temp.

How's that Happy Dance work?

Dan W. Dooley WB5TKA Y2K Complacent
 e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Tue, 14 Dec 1999 22:46:15 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:wb3aal@talon.net" <wb3aal@talon.net>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [58080] QRP Contest Calendar 2000
Message-ID: <199912142250_MC2-910D-E5A0@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Ron and QRP Gang:

Let me urge *everyone* to buy one of these jewels. After three years of scrambling to find the details on QRP contests, I am thrilled finally to have a printed product to put it all in one place. Wow. Such a deal.

You know, someone could buy several of these things as gifts, or maybe for presentation to club members, or...

No.....I have no direct involvement here. Just pointing out that the cost is nominal for what the buyer will receive.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Tue, 14 Dec 1999 22:52:47 EST
From: NB6M@aol.com
To: we6w@qsl.net
Cc: qrp-l@lehigh.edu
Subject: [58081] Re: Norcal Net/QRQpractice net.
Message-ID: <0.61ff45b3.25886a8f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

ATTENTION: NorCal QRP and QRQp Net afficianados.

Commencing this coming Sunday, at whatever time during the QRQp Net that signals become too weak on 40, we will be moving to 80 meters, 3579 + or - QRM, and continuing there.

Ed will be starting out the net on 40 as usual, and when we switch to 80 I

will take over and will be sending CQ QRQ Net, looking for QNIs, on whichever frequency close to 3579 sounds clear. Ed and I have done some initial 80 meter experimentation and he and I think that 80 meters should work pretty well for most of us. Our signals were much better there than they were on 40 during our experiment at 7:00 PM California time.

So, join us down on 80 after 40 gives out, have some fun and improve your CW speed as well. For the first session, we will be simply taking check-ins, comparing our relative signal strengths and copying ability on 80 as compared to 40, and then doing a round table QSO, practicing and sending and receiving at whatever increased speeds we are comfortable with.

If everything works out well the first time, we will probably try a mix of both structured practice using pre-advertised sentences and round table QSOs with normal conversation. Ed and I will probably trade off doing the net from week to week, and we will see how it goes.

Join us there.

72,

Wayne NB6M

Date: Tue, 14 Dec 1999 23:07:58 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: elecrafft@qth.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58082] FS: Elecraft K2 Kit # 711
Message-ID: <3857141E.E05C746D@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This kit was the big prize at the Tampa FL hamfest in November. The winner did not want to build it. I was going to build it as a mate for my first K2...but the need for cash dictates otherwise.

Kit new in the box. All original paperwork.

Will ship in the CONUS for \$525.00.

73

Paul AJ4Y

--

Polk County Chapter American Red Cross:
<http://www.redcross.org/fl/polkcounty>

Florida Contest Group:
<http://www.qsl.net/fcg>

Date: Wed, 15 Dec 1999 00:09:11 -0500
From: jmarran@juno.com
To: QRP-L@LEHIGH.EDU
Subject: [58083] RE:Boatanchors....
Message-ID: <19991215.001056.-34945.2.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Just wanted to toss a bean into the pot by mentioning that for most of my QRP(p) activities, I still use my trusty old Hammarlund HQ-170! Still love that rig....

72/73

John Marranca, Jr KB2HSH
Buffalo NY
Support Amsat Phase 3D.....the future of Amateur Radio.

Date: Wed, 15 Dec 1999 00:13:34 -0500
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58084] af4ps rules!
Message-ID: <3857237E.4D1225F3@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

wow! i got this neat certificate after all the sweat getting my radio set up..

first qrp cw contact.. it's really neat!

mac is too cool!

--

peace,
sergio
<http://www.bright.net/~sruiz> - "the village buzz"
"quoting other people is really lame and unoriginal..." -sergio

Date: Tue, 14 Dec 1999 23:43:29 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: n0tu@webaccess.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58085] Re: 80m CW activity low?
Message-ID: <002d01bf46bf\$519e7420\$e337a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Steve,

I've noticed the same thing although I can occasionally snag a fellow QRP op or two on 3.560 MHz by accident. With 20m staying open 24 hours a day the activity may just be spread out across the bands. But I have noticed a tremendous decrease in non-contest activity too on 80m.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Wed, 15 Dec 1999 01:05:41 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58086] WTB: AEA 10m HT
Message-ID: <00c901bf46c2\$83dd9580\$414d3018@olitsky.buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for an AEA 10m DX Handy HT to go with my 6m HT if anyone knows of one or is selling one.

Thanks

Scott

AC3A

Date: Wed, 15 Dec 1999 01:06:36 -0500
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58087] looking for frequency counter..
Message-ID: <38572FEC.642809A7@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i am looking for a frequency counter kit that i can use with my sw40.. i would like something that would be usable with other rigs that i may build in the future, and something in can move between rigs relatively simply.. i am looking for something relatively inexpensive..

am i asking too much?

--

peace,
sergio
<http://www.bright.net/~sruiz> - "the village buzz"
"quoting other people is really lame and unoriginal..." -sergio

Date: Wed, 15 Dec 1999 00:29:49 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@lehigh.edu
Subject: [58088] RE: RS SPeaker-wire "Transmission Line"
Message-ID: <199912150629.AAA10993@sunburst.usd.edu>

Hi gang:

Charlie Lofgren's post about the measurements on this speaker-wire impedance and loss could be put into context.

His measurements: loss = 2dB for 100-ft @ 10mHz, matched line (1:1 SWR)

Context:

(1) RG-174U, the industry standard for maximum loss: 3.9dB for 100-ft @ 10mHz

matched line (1:1 SWR)

(2) 300-Ohm tubular: 0.31dB for 100ft @ 10mHz, matched line (1:1 SWR).

Charlie's EZNEC modeling shows the significance of the RS speaker-line in a "real" antenna situation -- calculated of course, but EZNEC and ZIZL don't lie. The SWR loss for the given antenna is "out of sight" on most bands. What Charlie did not show is how much of the power fed into the feedline is actually dissipated in the feedline and never is radiated. That figure can be a shocker.

As with the computer-ribbon "feedline" case, the losses are exorbitant.

So, consider carefully whether you want to or can afford to burn up a significant amount of your transmitter's power by using an "alternative feedline".

"Feedline" has been a specially manufactured class of wire since way back when for a very good reason -- it is designed and constructed specifically to be used as feedline.

In QRP operation, the last thing we are looking for is a feedline that burns up a lot of our power -- efficiency in the antenna system is the key to success.

OK. Nuff said.

72, Ade

Date: Wed, 15 Dec 1999 09:52:31 +0100
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: mjfitz@uswest.net, qrp-l@lehigh.edu
Subject: [58089] CW over FM rig
Message-ID: <385756CF.E284A363@bi.ehu.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Mike
if your friends are willing to do real CW why don't you jump on and build one of those CW keyers???... such as the Wilderness Radio KC1 or the RAC ones... Those will be an excellent starting project for many wanna-be-builders...
Why am I telling you about those keyers?
Because they have a MUTE line output which can be used for PTT. Setting

the MUTE delay to maximum (0.8 sec in the KC1, if I remember well, or even longer on the RAC ones) you have a delay in-between words. When I review the KC1 for the Spanish ham journal Radioaficionados, I wrote a sidebar with circuit and programming hints...)

Later on, once you are proficient, you may use the keyer on any of your HF rigs... The choice for the keyer depends on the need of having a frequency meter or not... or memories...

Let me know if you need more information.

jon, ea2sn

--

Goza de tu poco, mientras busca mas el loco Ham: ea2sn (a real qrp'er)

** "What hath God wrought?" ---- World's first e-mail (1844) **

Date: Wed, 15 Dec 1999 11:09:41 -0000

From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>

To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [58090] Re: The Morse Code

Message-ID: <008f01bf46ec\$e86013a0\$e6a632d4@prsat0xl>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The Morse Code = here come dots

You want more?

Semolina

Is no meal.

A gentleman

Elegant man.

The countryside

No city dust here.

Astronomers

Moon starers.

The Morse Code

Here come dots.

President Boris Yeltsin

Endless insobriety trip.

William Shakespeare

I am a weakish speller.

Twelve plus one
Eleven plus two.

Florence Nightingale
Fetch an iron leg, Nigel.

Alec Guinness
Genuine class.

Mel Gibson
Big melons.

Clint Eastwood
Old west action.

Margaret Thatcher
That great charmer.

Virginia Bottomley
I'm an evil Tory bigot.

Michael Portillo
A cool, limp Hitler.

Ronald Wilson Reagan
Insane Anglo warlord.

Statue of Liberty
Built to stay free.

"Raiders of the Lost Ark"
Ford, the real star, is OK.

"Ivanhoe" by Sir Walter Scott
A novel by a Scottish writer.

Mother-in-law
Woman Hitler.

The Aristocracy
A rich Tory caste.

Athletics
Lithe acts.

Desperation

A rope ends it.

The eyes
They see.

Postponed
Stopped? No.

A shoplifter
Hast to pilfer.

Snooze alarms
Alas, no more Zs

Frank G3YCC G QRP 042
QRP web page <http://www.g3ycc.karoo.net>

Date: Wed, 15 Dec 1999 11:12:39 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <bl@csi.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [58091] Re: QRP Wattmeter
Message-ID: <009a01bf46ed\$4dbba5c0\$e6a632d4@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WM2. Brilliant kit from Oak Hills Research. Nice big meter, calibrated
100mw, 1w and 10w.

Frank G3YCC G QRP 042
QRP web page <http://www.g3ycc.karoo.net>

Date: Wed, 15 Dec 1999 11:19:45 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "QRP-L" <qrp-1@lehigh.edu>
Subject: [58092] Notes for DX ops

Message-ID: <00b201bf46ee\$4bb6dfa0\$e6a632d4@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Radiocommunications Agency has agreed to allow the suffix stroke 2K to be used by UK radio amateurs during January 2000 to celebrate the new Millennium. This means that anyone operating during next January can add /2K to their callsign, club callsign or whilst operating a Special Event Station.

So I can use G3YCC/2K for 1 month

Cheers

Frank G3YCC G QRP 042
QRP web page <http://www.g3ycc.karoo.net>

Date: Wed, 15 Dec 1999 06:40:11 -0600
From: "George Edwards" <gedwards@onramp.net>
To: <Catmandu@freewwwweb.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58093] Re: HB: Drawing program input wanted
Message-ID: <000e01bf46f9\$88e87540\$a02efea9@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently bought Quickcad.....it is put out by Autodesk (they make Autocad)....Quickcad is well under \$100 and has amazing features.

George/K5Vuu

----- Original Message -----
From: Paul Kaczmarek <Catmandu@freewwwweb.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 14, 1999 6:47 PM

Subject: Re: HB: Drawing program input wanted

> A great little program I found is DeltaCad. Simple as a paint program.
> But has lots of options, dimensioning, rotating, zoom, ect. You can even
> download a trial program.
> <http://www.dcad.com/>
>
> Try it before you pass it off as a "paint" program. It so simple you
> think it can't do more till you try it.
>
> Paul KB2TPA Cheektowaga NY, Sierra, Argosy, Pepperdog
>
>

Date: Wed, 15 Dec 1999 08:10:20 EST
From: AA3BP@aol.com
To: qrp-1@lehigh.edu
Cc: AA3BP@aol.com
Subject: [58094] Battery ??- Is it or ain't it?
Message-ID: <0.8659f891.2588ed3c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I recently purchased at a flea market a used, rather large battery (about 1/3 bigger than my auto battery). It is labeled "Deep Cycle - Sealed Gel" and touted as suitable for RV's, trolling motors, and wheel chairs. Even FAA certified which I guess means that I could lug it on the plane.

The question: For charging purposes, what type of battery do I have? Do I treat it as a conventional lead acid deep cycle battery or a gel cell when I charge. It specifies a max 14.1 v charge voltage but lists no Ahour capacity. As purchased, vdc is 12.95.

Any hints as to how to best charge this beast will be appreciated.

Jim, AA3BP
Mechanicsburg, PA

Date: Wed, 15 Dec 1999 08:30:25 -0500
From: "Dennis Brickey" <n4dd@preferred.com>
To: <qrp-1@Lehigh.EDU>

Subject: [58095] FOX: N4DD is FOX on Wednesday 12/15 at 9pm EST
Message-ID: <000901bf4700\$8c1f5920\$73f3e4ce@n4dd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the delay. This is the 3rd time I have tried to get this to post. Started trying to post yestersday afternoon. Hopefully this will do it!

Greetings to all ye hounds large and small. I will be the fox on Wednesday evening beginning at 9:00 pm EST or 02:00 UTC.

I will be using the popular transmit frequency of 7.037 + or - qrm. RIT will be in use and I will listen between 7.036 and 7.039.

The rig will be a Tentec Omni VI plus at 5 watts into an inverted vee dipole.

The exchange will be as follows:

(hound callsign) TU RST Tn Dennis 1242 BK

I hope to work many of you skilled k-9s. Listen carefully, Sharpen your incisors and be rewarded with the TN pelt. Best wishes to each and every one!

72,
Dennis/N4DD

Date: Wed, 15 Dec 1999 08:04:26 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [58096] Power calculations from RF voltage
Message-ID: <000001bf4705\$4c195380\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone out there know the correct way to translate RF voltage measurements to power?

I've made this measurement before, and I thought I was getting a reliable reading, but now I'm not so sure. I connected the output of my DSW-40 to my

50 ohm dummy load and connected an O-scope probe across the output. Keying the rig I get 27 volts P-P. I used the formula $P=E(2)/R$. I don't believe that's the correct method though. Some notes I have on the formula indicate that that is for DC circuits. Also, that method yields 14.58 (watts?). Don't think so. Or, should I be using just peak voltage? That would yield $13.5v(2)/50 = 3.64$ watts.

I think I'm way out in left field. What say?

Oh yes, and I trust the scope too. It's a calibrated Tektronix 465.

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: dandoooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Wed, 15 Dec 1999 09:14:37 -0500 (EST)
From: Mark S Adams <msadams@acsu.buffalo.edu>
To: QRP Fanatics <qrp-l@lehigh.edu>
Subject: [58097] FCC:Upgrade/Callsign ??
Message-ID: <Pine.GS0.4.05.9912150909070.26062-100000@hercules.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I plan on passing my extra class exam this evening. I also want to apply for a vanity callsign so I can get rid of the "K" at the end of my call. (I am sure that I am on the hit list of many DX stations due to their losing point because they copied me as N2VP and would not stop to make the correction!)

The big question is, should I ask for a sequential callsign assignment AND give the VE's the form with my callsign requests and the \$14 check, or is there a better way?

I suggested to my XYL and daughter that my new call might be NE2RD. Needless to say they really like it :-)

Thanks,
Mark

72, Mark N2VPK
Member of the Buffalo QRP Connection

Date: Wed, 15 Dec 1999 07:06:11 -0700
From: "Rod Cercone" <rlc@frii.com>
To: <sruiz@bright.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58098] Re: looking for frequency counter..
Message-ID: <00e701bf4708\$15aaf8a0\$498611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello:

----- Original Message -----

From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, December 14, 1999 11:06 PM
Subject: looking for frequency counter..

>
> i am looking for a frequency counter kit that i can use with my
sw40.. i
> would like something that would be usable with other rigs that i may
...
> am i asking too much?
>

I don't think so. The DD-1 from OHR, www.ohr.com, should work quite nicely for your needs. Or, if you are into HB, the 1998 ARRL Handbook has Freq. Meter project in it, it is the same thing as the DD-1.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Wed, 15 Dec 1999 08:35:46 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58099] Re: FCC:Upgrade/Callsign ??
Message-ID: <000601bf4709\$afab9a80\$356840ce@bill.ou-town.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good Luck on the exam. I think the proposed vanity call is cool!

: -))

73
KC5ADF
Bill Allen

-----Original Message-----

From: Mark S Adams <msadams@acsu.buffalo.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, December 15, 1999 8:15 AM
Subject: FCC:Upgrade/Callsign ??

>Gang,
>
>I plan on passing my extra class exam this evening. I also want to apply
>for a vanity callsign so I can get rid of the "K" at the end of my call.
>(I am sure that I am on the hit list of many DX stations due to their
>losing point because they copied me as N2VP and would not stop to make the
>correction!)

>
>The big question is, should I ask for a sequential callsign assignment AND
>give the VE's the form with my callsign requests and the \$14 check, or is
>there a better way?

>
>I suggested to my XYL and daughter that my new call might be NE2RD.
>Needless to say they really like it :-)

>
>Thanks,
>Mark
>
>72, Mark N2VPK
>Member of the Buffalo QRP Connection

Date: Wed, 15 Dec 1999 09:44:00 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "NJQRP" <NJQRP@njqrp.org>
Subject: [58100] Re: RS SPeaker-wire "Transmission Line" [and "computer ribbon

feedlines"]
Message-ID: <002601bf470a\$dc53fcc0\$acca9cce@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, IMHO we can put things into context all we want but when it comes time to operate I can relate some darned good results from the "computer-ribbon feedline case" (that was described as having exorbitant losses).

I have been using the KI6DS "NorCal Doublet" with spectacular results during the noon hours of the past week leading up to the 10m contest. This is the dipole and feedline made from a length of 2-wire "computer-ribbon cable" that is a derivative of Dave Gauding's "St. Louis Doublet". I adapted KI6DS' 20m dimensions (posted and discussed a couple of months ago) and set up a Black Widow 20' fishing pole (to support the center feedpoint) in the front yard of my company and operated all around the world each day last week. This was done much to my enjoyment and the amazement of many people gathered from my company to watch this daily event.

Easy and quick set-up/tear-down, tuned great with my ZM-2 tuner, and I loved every minute of it.

To paraphrase a popular television commercial: "Antenna modeling software: \$xxx. Enjoyment of the hobby: priceless ... There are some things you can't buy with MasterCard or justify with antenna modeling software".

In other words, simple, inexpensive antennas do work! And many times they work despite the dire predictions of experts and their antenna modeling predictions. They may not be ideal, and they most assuredly have RF losses. But but they do radiate and you can make lots of contacts, and you can have tons of fun in the process. I don't care to haul hardline coax (or even RG-58) out with me on these quickie field events (like the front yard of my workplace) ... and these are the times when the beauty and convenience of the St. Louis Doublet, the NorCal Doublet, RS speaker wire for feedline, or conductive dental floss will work for me.

Don't get me wrong, modeling software is quite useful in designing and constructing efficient antennas. I use EZNEC when doing this for my permanent home station. But people shouldn't be intimidated or dissuaded from using some of the simpler, less-efficient antennas when the situation warrants.

72, George N2APB
n2apb@amsat.org in Baltimore, MD

PS: With KI6DS permission, this week we are placing the simple instructions

for constructing the simple NorCal Doublet onto our NJQRP website. BTW, we had collected and handed out over 30 free bag o' parts kits needed to make this antenna at our last Jersey QRP meeting. There are *lots* of these little gems in operation! ;-)

----- Original Message From: Ade Weiss W0RSP
[snip]

> As with the computer-ribbon "feedline" case, the losses are exorbitant.

Date: Wed, 15 Dec 1999 07:30:41 -0700
From: "Rod Cerkoney" <rcw@frii.com>
To: <msadams@acsu.buffalo.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58101] Re: FCC:Upgrade/Callsign ??
Message-ID: <00f601bf470c\$089f4ae0\$498611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark:

----- Original Message -----

From: Mark S Adams <msadams@acsu.buffalo.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 15, 1999 7:14 AM
Subject: FCC:Upgrade/Callsign ??

> Gang,
>
> The big question is, should I ask for a sequential callsign
assignment AND
> give the VE's the form with my callsign requests and the \$14 check,
or is
> there a better way?
>

Take the test, check the box to not change your cal sign. Then afterwards, use the ULS page to apply for the vanity callsign. You need to get set up on ULS anyway here is a good opportunity.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Wed, 15 Dec 1999 07:52:32 -0700
From: "Rod Cercone" <rwcc@frii.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58102] Re: Power calculations from RF voltage
Message-ID: <00f701bf470c\$094723a0\$498611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan et. al.

----- Original Message -----
From: Dan W. Dooley <dandooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 15, 1999 7:04 AM
Subject: Power calculations from RF voltage

> Anyone out there know the correct way to translate RF voltage
measurements
> to power?

The correct formula, from the ARRL Handbook, is:

$$P = E_{rms}^2 / R$$

$$E_{rms} = E_p * 0.707 = (E_p - p/2) * 0.707$$

R = you dummy value = 50 ohm
E_p-p = your scope reading 27v

so for your rig

$$\begin{aligned} P &= ((27 / 2) * 0.707)^2 / 50 = (13.5 * 0.707)^2 / 50 \\ &= (9.545)^2 / 50 \\ &= 91.097 / 50 \\ &= 1.822 \text{ W} \end{aligned}$$

NOTES: the ^ symbol means raise to the power of in the case E_{rms}
raise to the power of 2, or simply squared.

R is assumed to be purely resistive. Real world resistors have small amounts of C & L. But for practical purposes C & L is small & the calculation is very close.

Chapter 6 and 26 of the 1998 ARRL Handbook has good info about making measurements like this. GL & feel free to write me if you have any questions.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Wed, 15 Dec 1999 07:58:11 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: msadams@acsu.buffalo.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58103] Re: FCC:Upgrade/Callsign ??
Message-ID: <38574A12.C9353FDA@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don't even attempt to have the VE team process your vanity call application. They can only handle element credits and upgrades. Any other requests must be sent directly to the FCC.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Wed, 15 Dec 1999 09:54:50 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [58104] MCW schematic
Message-ID: <000c01bf470c\$572b5320\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If anyone would like the schematic for my MCW oscillator for sending code on your HT, etc., I have scanned my OrCAD diagram and saved it as a TIFF file. I'd be happy to email it to whomever would like a copy.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687, 2N2/40 #9 .-.-.

Date: Wed, 15 Dec 1999 09:01:36 -0600
From: "Pat Cain, K0PC" <pcain@netscape.net>
To: msadams@acsu.buffalo.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58105] Re: FCC:Upgrade/Callsign ??
Message-ID: <4.2.0.58.19991215085344.00d21e80@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Mark,

Good luck on your exam tonight! Speaking as a VE I would suggest you just=20 pass the test (sounds easy!) and get your Extra first. Then apply for the=20 vanity call once your upgrade is posted to the data base. There is no=20 reason to get a new sequential Extra class call if you are just going to=20 change it the next day. Mark your form that you want to keep your N2VPK=20 call. If you take the sequential call that's one less available for someone=20 else.

73,
PC (K=D8)

At 09:14 AM 12/15/1999 -0500, Mark S Adams wrote:

>Gang,
>
>I plan on passing my extra class exam this evening. I also want to apply
>for a vanity callsign so I can get rid of the "K" at the end of my call.
>(I am sure that I am on the hit list of many DX stations due to their
>losing point because they copied me as N2VP and would not stop to make the
>correction!)

>
>The big question is, should I ask for a sequential callsign assignment AND
>give the VE's the form with my callsign requests and the \$14 check, or is
>there a better way?

>
>I suggested to my XYL and daughter that my new call might be NE2RD.

>Needless to say they really like it :-)
>
>Thanks,
>Mark
>
>72, Mark N2VPK
>Member of the Buffalo QRP Connection

Date: Wed, 15 Dec 1999 14:31:43 +0000
From: Bryan Koen <bryan@koen.net>
To: qrp-l@lehigh.edu
Subject: [58106] Good kits to start with
Message-ID: <19991215143143.A17989@genesis.koen.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have been lurking on the list for a few weeks now and haven't seen anything on this yet. I am wanting to build a kit, however I have built maybe one or two other projects before. Are there any transceiver kits which are fairly easy to construct and adjust without needing a degree in electrical engineering and a bunch of diagnostic equipment (i.e. O-scope, sig. generator, frequency counter)?

Thanks,
Bryan
N0YKN

Date: Wed, 15 Dec 1999 10:01:12 -0500
From: hattonte@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [58107] Code
Message-ID: <0F25ADC22B.C6FF6573-0N85256848.0051F164@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Roger wrote-

"This is what I love about QRP-L, all the cool public and private response to subjects of great interest to me. It's kind of like the time I stood before City Council and told them that Denver is already too big and we need to close the borders...

Anyway, earlier in the year I suggested that the EXTRA class code speed should be kept at 20 wpm or even increased a bit. Since they've been giving all the licenses away for the last ten years why not preserve one last bastion of integrity?

Hence THE code...

Roger J. Wendell
WB0JNR"

Hey Roger, lets bump it up to 25. The I'll have something to work towards. Otherwise, I'll have to try the ship's operator licence, and that exam costs \$60 (I think...)

72 de Terry
KI8JA

Date: Wed, 15 Dec 1999 09:03:17 -0600
From: "Mark A. Andrews" <KE4IOF@HiWAAY.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58108] 2000 ARRL Leather Bound Radio Amateurs Handbook
Message-ID: <LPBBIPIDKGHFGPHDHIFMAEDGCHAA.KE4IOF@HiWAAY.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yesterday I received my leather bound 2000 ARRL Radio Amateurs Handbook. It is beautiful tome with the serial number and my name and callsign embossed in gold on the front (I was 112 of 2000!) Ok, I know, it isn't very practical, since I don't want to use it as my everyday reference, but it is going to be a nice heirloom to pass down to my kids.

Has anyone else received theirs? Or was I the only one that took the bait? :-)

Mark, KE4IOF
QRP-L #146

Date: Wed, 15 Dec 1999 15:08:00 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>

To: <bryan@koen.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [58109] Re: Good kits to start with
Message-ID: <016001bf470e\$3cc941c0\$e6a632d4@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

http://www.g3ycc.karoo.net/faq_ind.html
for FAQs on QRPing, which kit, antenna etc...
Good luck with QRP!

Frank G3YCC G QRP 042
QRP web page <http://www.g3ycc.karoo.net>

----- Original Message -----

From: "Bryan Koen" <bryan@koen.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 15, 1999 2:31 PM
Subject: Good kits to start with

> I have been lurking on the list for a few weeks now and haven't
> seen anything on this yet. I am wanting to build a kit, however
> I have built maybe one or two other projects before. Are there
> any transceiver kits which are fairly easy to construct and adjust
> without needing a degree in electrical engineering and a bunch of
> diagnostic equipment (i.e. O-scope, sig. generator, frequency
> counter)?
>
> Thanks,
> Bryan
> N0YKN
>

Date: Wed, 15 Dec 1999 09:07:25 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <bryan@koen.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58110] RE: Good kits to start with
Message-ID: <000301bf470e\$18273480\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

Recommendations? In a heartbeat: One of the DSW series (from Small Wonder Labs). Just finished my DSW-40. Fantastically easy to build. Requires no extraordinary equipment to set up/test. Fun to build. Works great first time!

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: <mailto:dandooley@pipeline.com>
Si Hoc Legere Scis Nimium Eruditionis Habes

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Bryan Koen
> Sent: Wednesday, December 15, 1999 8:32 AM
> To: Low Power Amateur Radio Discussion
> Subject: Good kits to start with
>
>
> I have been lurking on the list for a few weeks now and haven't
> seen anything on this yet. I am wanting to build a kit, however
> I have built maybe one or two other projects before. Are there
> any transceiver kits which are fairly easy to construct and adjust
> without needing a degree in electrical engineering and a bunch of
> diagnostic equipment (i.e. O-scope, sig. generator, frequency
> counter)?
>
> Thanks,
> Bryan
> N0YKN
>

Date: Wed, 15 Dec 1999 07:24:33 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'elecraft@qth.net'" <elecraft@qth.net>, "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [58111] O.T.....Bird Slug Calibration
Message-ID: <BFEF3386986D2119C0800A0C99B5DE601186F47@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Sorry for the off topic but has anyone recalibrated a 50w H.F. Bird slug for QRP levels ??

I have phoned both Bird and Coaxial Dynamics and neither offer a QRP level H.F. slug.....who know's why not, I guess they figure we are a small and insignificant group.....needless to say, they need to open their eye's and see that we are the only growth area in Ham radio these days.

Anyway, if anyone has any idea's on recalibrating the 50w slug for say 10w I'd appreciate hearing from ya off line.

By the way, the end caps pop off easily and the procedure would seem to entail moving the pick-up link closer to the edge of the transmission line cavity and calibrating the set-up accordingly.

Thanks in anticipation of some input :-)

Dave VE7PCC Vancouver BC Canada

Date: Wed, 15 Dec 1999 09:46:55 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [58112] Final measurement figures
Message-ID: <000401bf4713\$9d2101c0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, tnx for bearing with me on this. Final test figures on the DSW-40.

I tweaked the power supply a bit and the voltage out is now at 14.04 key down. About 14.2 unkeyed.

Measured RF volts are 14.5 Peak.
Dummy load actually reads 58 ohms.

So... that calculates to 1.81 watts. Of course if my dummy load was actually at 50 ohms, then the power would be 2.1 watt.

Anyhow, that's it. For all practical purposes - 2 watts output. Good enough!

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Wed, 15 Dec 1999 09:51:27 -0600
From: Richard Matthews <prm@hiwaay.net>
To: bryan@koen.net, qrp-1@Lehigh.EDU
Subject: [58113] Re: Good kits to start with
Message-ID: <3.0.1.32.19991215095127.00b68a10@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:31 PM 12/15/99 +0000, you wrote:

>I have been lurking on the list for a few weeks now and haven't
>seen anything on this yet. I am wanting to build a kit, however
>I have built maybe one or two other projects before. Are there
>any transceiver kits which are fairly easy to construct and adjust
>without needing a degree in electrical engineering and a bunch of
>diagnostic equipment (i.e. O-scope, sig. generator, frequency
>counter)?

>

>Thanks,
> Bryan
> NOYKN

.....

Hello Bryan,

I'm glad to tell my tale again.

About three months ago, I decided to get back into ham radio after many years of absence, to enjoy the new world of hi-tech QRP. I have no EE degree and the only test equipment I owned was a RS volt/ohm meter.

I wanted a transciever also, so I ordered a fully digital, 2.5 watt DSW-40 CW transceiver kit from Small Wonder Labs. It came with all parts, complete instructions, and direct help from the ham, Dave, NN1G, that puts the kit packages together.

For assembly tools I had an old Weller 25 watt soldering pencil, some good solder and soldering wick, wet sponge, a good light, a small pair of cutter pliers, a small magnifying glass, a set of small tweezers, a pair of pliers, and a clamp to hold the board while working on it.

I sat down and built the rig in about six hours, made the adjustments in about five minutes (requires a tuning stick and your ears), hooked up my iambic paddle and made a contact not more than ten minutes after putting the rig to the antenna (Alabama to north Carolina). I had strung up an quick inverted vee the day before. At that time, I had no watt meter nor antenna tuner.

What could be simpler than that?. If you can solder, know the difference between a resistor and a capacitor, and can read and follow a set of clearly written instructions, there is no reason you can't build a DSW rig with the same results. Since then I've built a DSW-30 with the same results easy and works great. Hey, and I'm an old guy (54) with weak eyes and crampy hands and fingers. Having so much fun building the DSW-40 and 30 encouraged me to try to build a Tuna Tin 2, so I ordered one of those from NJ QRP club. That is a neat little kit too. If you want to hone your kit building skills before building the DSW rig, buy and build the Tuna tin 2 kit for around twelve bucks. You use the same skills building it as you will use building the more complicated DSW. You even get to wind some toroids, which really is not all that hard, and get use to reading tiny part numbers with a magnifying glass, and learn not to make those cold solder joints and solder bridges.

I am nothing but a fully satisfied customer of Dave, NN1G and Small Wonder Labs and have no interest in his business except spreading the word of how good his products are. He is on the web at <http://www.smallwonderlabs.com/>. You can't go wrong even if you goof up the assembly, Dave will straighten it out for you for a small fee.

Build you one and get on the air and see how good fully digital rigs are, you won't believe it.

If you order one, be sure to get the enclosure kit also. It will save you alot of work and it puts the ribbon on a great project. The whole thing is around \$140.00 total and all you need is a paddle and an antenna to get on and working with.

73,

Richard, WA4NWW

Date: Wed, 15 Dec 1999 10:47:27 EST
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [58114] Re: Upgrade/Callsign
Message-ID: <73188@w4bkx.ampr.org>

A CW operators callsign will be more effective if it is "heavy" and ends in a "DAH". Heavy means more DAHs than DITs... keeping the average power at a higher level, and a dit on the end of a call can get lost in the noise. This is especially true when operating at QRP power levels.

de (Scott) W4PJ

Date: Wed, 15 Dec 1999 10:53:50 -0500
From: Charles Greene <cgreene@loa.com>
To: dandoooley@pipeline.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58115] Re: Power calculations from RF voltage
Message-ID: <4.2.2.19991215105146.00a7a2e0@mail.loa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:04 AM 12/15/99 -0600, Dan W. Dooley wrote:

>Anyone out there know the correct way to translate RF voltage measurements
>to power?

>

>I've made this measurement before, and I thought I was getting a reliable
>reading, but now I'm not so sure. I connected the output of my DSW-40 to my
>50 ohm dummy load and connected an O-scope probe across the output. Keying
>the rig I get 27 volts P-P. I used the formula $P=E(2)/R$.

That's the formula for RMS power. First convert the PP reading you have
to RMS voltage by dividing by 2.88, then use your formula.

72/73 Chas, W1CG

>I don't believe

>that's the correct method though. Some notes I have on the formula indicate
>that that is for DC circuits. Also, that method yields 14.58 (watts?).

>Don't think so. Or, should I be using just peak voltage? That would yield
> $13.5v(2)/50 = 3.64$ watts.

>

>I think I'm way out in left field. What say?

>

>Oh yes, and I trust the scope too. It's a calibrated Tektronix 465.

>

>

>Dan W. Dooley - WB5TKA Y2K Complacent

> e-mail to: dandoooley@pipeline.com

>Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Wed, 15 Dec 1999 11:16:28 -0500 (EST)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [58116] Re: FCC:Upgrade/Callsign ??
Message-ID: <Pine.LNX.4.04.9912151112140.20438-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 15 Dec 1999, Mark S Adams wrote:

> losing point because they copied me as N2VP
> I suggested to my XYL and daughter that my new call might be NE2RD.

A quick check of QRZ shows N2VP as unassigned, doesn't mean it available, but you might have a shot at getting it. And you wouldn't have all those fights with your key, when it tried to send your old call for the first few weeks:)

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 15 Dec 1999 08:18:17 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [58117] HB: SMD Parts Suppliers? Baggy Bob?
Message-ID: <19991215161817.8431.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone want to recommend some suppliers of SMDs; particularly suppliers geared toward homebrewers? Also, does anyone know whether "Baggy Bob" has a web site or what is his current contact info?

Thanks.

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 15 Dec 1999 11:29:08 -0500 (EST)
From: igeq100@iupui.edu
To: Bryan Koen <bryan@koen.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [58118] Re: Good kits to start with
Message-ID: <Pine.HPP.3.96.991215112326.4878A-100000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bryan -

There are several kits that would fill the bill. The DSW series from Small Wonder Labs offer high performance, rather easy construction, and don't require elaborate test equipment. Also to consider are the NW series from EmTech. The circuit boards are spacious and easy to work on, and here too very little instrumentation is needed to get them working. If you want to start at a simpler level (at lower cost and fewer bells and whistles) to get your feet wet, you might consider the Vectronics kits. They are easy to build, inexpensive, and work well.

Good luck with whatever you choose.

73,

Richard Meiss, WB9LPU
Speedway, IN

On Wed, 15 Dec 1999, Bryan Koen wrote:

> I have been lurking on the list for a few weeks now and haven't
> seen anything on this yet. I am wanting to build a kit, however
> I have built maybe one or two other projects before. Are there
> any transceiver kits which are fairly easy to construct and adjust
> without needing a degree in electrical engineering and a bunch of
> diagnostic equipment (i.e. O-scope, sig. generator, frequency
> counter)?
>
> Thanks,
> Bryan
> NOYKN
>

Date: Wed, 15 Dec 1999 18:31:50 +0200
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: cgreene@loa.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58119] Re: Power calculations from RF voltage

Message-ID: <3857C276.41FF@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

> That's the formula for RMS power. First convert the PP reading you have
> to RMS voltage by dividing by 2.88, then use your formula.

Just square the Vpp reading and then divide by 400 for a 50 Ohm load.
Same result, less work. Not very hard to remember either.

73,

--

Arjen Raateland
oh2zaz

Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Wed, 15 Dec 1999 11:54:52 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <bryan@koen.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58120] Re: Good kits to start with
Message-ID: <003d01bf471d\$2b618be0\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you mean getting your 'soldering skills' up to snuff, there's lots
of kits. I like the Ramsey, and there are lots of other. Just go
through the Radio Shack catalog, and the TechAmerica (now
RadioShack.com) catalog. Build some of the 'associated' kits
like the light beam communicator or fun stuff like tickle sticks.

Then move into some of the 'converter' type kits.

Finally, move into the single band TX or RX kits. By then your
skills should be pretty good.

I know, it sounds simple, a kit is a kit, but there seems to be
other 'situational aspects' to radio kits that you need to build
your comfort level up before you tackle them. And it's an individual
thing.

But eventually... I know, the equivalent of a Kenwood TS-140SV
with digital signal processing as a kit...

Mike

> I have been lurking on the list for a few weeks now and haven't
> seen anything on this yet. I am wanting to build a kit, however
> I have built maybe one or two other projects before. Are there
> any transceiver kits which are fairly easy to construct and adjust
> without needing a degree in electrical engineering and a bunch of
> diagnostic equipment (i.e. O-scope, sig. generator, frequency
> counter)?
>
> Thanks,
> Bryan
> NOYKN
>

Date: Wed, 15 Dec 1999 10:49:25 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@Lehigh.EDU
Subject: [58121] Re: Good kits to start with
Message-ID: <3.0.1.32.19991215104925.00b5f310@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:54 AM 12/15/99 -0500, you wrote:
>If you mean getting your 'soldering skills' up to snuff, there's lots
>of kits. I like the Ramsey, and there are lots of other.
>> Thanks,
>> Bryan
>> NOYKN
>.....

Soldering skills are probably the biggest problem for new kit builders.
There is a good primer at <http://www.diac.com/~jeffh/lv2000/solder.html>
then practice, practice, practice.

Richard, WA4NWW

Date: Wed, 15 Dec 1999 10:56:07 -0600
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>
To: "'DBarrett@creo.com'" <DBarrett@creo.com>, "'qrp-l@lehigh.edu'" <qrp-

l@lehigh.edu>
Subject: [58122] Re: O.T.....Bird Slug Calibration
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA02077B2B@ucusmail.spectrapoint.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

What you have to remember, is that Bird is a commercial equipment company,
and that the amateur market is only a tiny part of their total business.

72's es 73's,

Brad, W5CGH

=====

Brad Bradfield, PE
Test Staff Engineer
SpectraPoint Wireless LLC
(W) 972-852-7101
(Pgr) 972-648-3632

Date: Wed, 15 Dec 1999 09:01:52 -0800 (PST)
From: Marty Squicciarini <marty_skitch@yahoo.com>
To: n7kt@earthlink.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58123] Re: FCC:Upgrade/Callsign ??
Message-ID: <19991215170152.22897.qmail@web1104.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Don't forget that the FCC will not process any
applications if you are not register in their new
database.

--- Roger Hightower <n7kt@earthlink.net> wrote:
> Don't even attempt to have the VE team process your
> vanity call
> application. They can only handle element credits
> and upgrades. Any
> other requests must be sent directly to the FCC.
>
>
> --

> 73, de Roger, N7KT
> qrp-l #62, NorCal #1099, Zombie #006
> Mesa, AZ 85202
>

=====

Marty Squicciarini NR3Z
marty_skitch@yahoo.com (anywhere)
m_squicciarini@cbtech.com (work)
skitch@resuba.com (home)

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Date: Wed, 15 Dec 1999 11:58:41 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Timothy H. Heaton" <theaton@usd.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [58124] Re: QRP Contest Calendar 2000
Message-ID: <199912151201_MC2-911D-2988@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Tim:

I will forward your e-mail to Ron Polityka WB3AAL. He is with the Eastern
PA QRP Club, and heading up this club project. I am sure he will be glad
to hear from you :-).

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

>>>Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA<<<

Date: Wed, 15 Dec 1999 11:58:42 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:KE4IOF@HiWAAY.net" <KE4IOF@HiWAAY.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [58125] 2000 ARRL Leather Bound Radio Amateurs Handbook
Message-ID: <199912151201_MC2-911D-2989@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Mark:

Well logically there must have been at least 111 previous buyers, unless
ARRL used random numbering :-).

72,

--Doc Lindsey/K0EVZ
 DSBF
 PO BOX 6028
 Bismarck, ND 58506
 K0EVZ@arrl.net

Date: Wed, 15 Dec 1999 11:17:17 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58126] test
Message-ID: <009b01bf4720\$4005a2e0\$356840ce@bill.ou-town.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

test ignore

Date: Wed, 15 Dec 1999 11:21:28 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58127] C.M. Howes Communications Kits
Message-ID: <00af01bf4720\$d52d3ae0\$356840ce@bill.ou-town.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Friends,

Hello, my name is Bill Allen, call KC5ADF. I have been a ham since May 1993 and upgraded to Tech+ just recently. I am enjoying strengthening my CW skills and am interested in getting involved in QRP operations and kit building.

I have looked at several kit suppliers and found a reciever and transmitter produced by C.M. Howes Communications

RX the DC2000 kit
TX the TX2000 kit

Is anyone familiar with this company and/or specific kits? I would appreciate your input.

thx
73
kc5adf
Bill Allen

Date: Wed, 15 Dec 1999 11:22:07 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58128] code - building proficiency
Message-ID: <00b501bf4720\$ecd87ec0\$356840ce@bill.ou-town.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

: -)

I am still very much a code newby. I have passed my 5wpm. I worked up to about 10-11wpm and hit the "wall". I knew about the "wall" but did not know how to avoid it at the time. Now I am breaking through that wall using my MFJ-418 Code Tutor and the instruction on the Koch method found in the book "Morse Code: Breaking the Barrier" by Dave Finley, N1IRZ. I do believe it is working for me and would certainly recommend the book (and the MFJ-418 for that matter) to anyone looking for a good method of code study. I just wish that I had known of the Koch method when I started out!

: -)

73

KC5ADF

Bill Allen

Date: Wed, 15 Dec 1999 12:31:23 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: n2apb@erols.com
Cc: qrp-l@lehigh.edu
Subject: [58129] Re: RS SPeaker-wire "Transmission Line" [and "computer ribbon feedlines"]
Message-ID: <v03102805b47d7d00b687@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

George, N2APB, writes;

>Well, IMHO we can put things into context all we want but when it comes time
>to operate I can relate some darned good results from the "computer-ribbon
>feedline case"

Very well said George. Modeling software has it's purpose, this is a given. But as you have pointed out, the real proof is in the logbook.

If I put 5 watts into my feedline and lose 80% by the time it hits the antenna, I still have 1 watt to radiate. Our friend in Arkansas, Jim Hale, recently worked all 50 states with less that 1 watt out for all 50 states. Not 1 watt per state, but a total of less than 1 watt for all 50 states worked. I seem to remember Jim saying some of his QSOs were in the 5mW and under range. My 1 watt radiated now looks like QRO compared to Jim's power levels.

My ribbon cable multiband v resides on my SD-20 fishing pole and has also proven to be a good lightweight portable antenna. I will be using it in OK

City over the holidays while I'm kf4ar/5.

72,

Rick kf4ar

Date: Wed, 15 Dec 1999 09:33:34 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58130] Calling N5JI
Message-ID: <3857D0EE.4D3DDCC4@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rich, if you are out there, your aol email address
is defunct. Please respond in private. Thanks.

NightOwls Foxhunting team:

WE6W
N5JI
N7CQR
NW7DX

--
-72/Ed WE6W; AR Millennium Q's=> 2383/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Wed, 15 Dec 1999 11:48:18 -0500
From: CLAUDE PALUSKI <claudewb9euu@juno.com>
To: QRP-L@LEHIGH.EDU
Subject: [58131] Re Questions
Message-ID: <19991215.114820.3198.0.CLAUDEWB9EUU@juno.com>

Greetings,

Many thanks for all of the replies to my questions of a few days ago.
I now have the slashed zero,

and when time permits will go shopping for a new watch to replace the 55 year old one which I have now.

Happy holidays to all, and may you find that 70 ft tower in your Christmas stocking.

72

Claude WB9EUU @ JUNO. com

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Date: Wed, 15 Dec 1999 12:40:48 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>

To: w4pj@w4bkkx.ampr.org

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [58132] Re: Upgrade/Callsign

Message-ID: <Pine.3.89.9912151219.A26467-01000000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 15 Dec 1999 w4pj@w4bkkx.ampr.org wrote:

>

> A CW operators callsign will be more effective if it is "heavy" and
> ends in a "DAH". Heavy means more DAHs than DITs... keeping the average
> power at a higher level, and a dit on the end of a call can get lost
> in the noise. This is especially true when operating at QRP power
> levels.

>

This is very true. While QRP in the 160 test, I had MANY return my call as N4DW. In spite of numerous attempts to correct it to N4BP, I'm sure many still had me wrong in their logs...

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Wed, 15 Dec 1999 11:43:44 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <bill@pcatexas.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58133] RE: code - building proficiency
Message-ID: <000601bf4723\$eeb797a0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I inherited the laptop computer I now have (for my job) from another employee. On it was a ham exam and code practice package by "The W5YI Group".

The exam part (written) goes only up to General - at least on the copy I have here. I have not looked at any of the tests.

The code module however, I do like! It is Windows based and is pretty full featured. It can play in random or serial form. Speed, weighting, Farnsworth settings, timing, wave shaping, etc., are all configurable.

It plays from text files so you could actually create your own practice sessions so that the memorization factor is not a problem. You can even create a text file from within the program.

I've used it to listen to code as I'm driving. If you can watch the screen, there is a keyboard displayed and the chars stream across a window as they play. Yep, you can even type in chars using the keyboard (wonder what value that is?)

I know nothing of the availability or cost of this program. But, hey, it's on my computer and I'm gonna use it. I'd like to at least get to 20 wpm shortly.

Dan W. Dooley - WB5TKA Y2K Complacent
 e-mail to: <mailto:dandooley@pipeline.com>
Si Hoc Legere Scis Nimium Eruditionis Habes

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Bill Allen
> Sent: Wednesday, December 15, 1999 11:22 AM
> To: Low Power Amateur Radio Discussion
> Subject: code - building proficiency

>
>
> Hi,
>
> :-)
>
> I am still very much a code newby. I have passed my 5wpm. I worked up to
> about 10-11wpm and hit the "wall". I knew about the "wall" but did not
> know how to avoid it at the time. Now I am breaking through that
> wall using
> my MFJ-418 Code Tutor and the instruction on the Koch method found in the
> book "Morse Code: Breaking the Barrier" by Dave Finley, N1IRZ. I
> do believe
> it is working for me and would certainly recommend the book (and
> the MFJ-418
> for that matter) to anyone looking for a good method of code
> study. I just
> wish that I had known of the Koch method when I started out!
>
> :-)
>
> 73
> KC5ADF
> Bill Allen
>

Date: Wed, 15 Dec 1999 11:55:23 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <claudewb9euu@juno.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [58134] RE: Re Questions
Message-ID: <000701bf4725\$8f5779e0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I've got the 70 ft tower. Part up and part in the garage. If only the city
would let me go that high!

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: <mailto:dandooley@pipeline.com>
Si Hoc Legere Scis Nimium Eruditionis Habes

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

> CLAUDE PALUSKI

> Sent: Wednesday, December 15, 1999 10:48 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re Questions

>

> Happy holidays to all, and may you find that 70 ft tower in your

> Christmas stocking.

>

Date: Wed, 15 Dec 1999 10:03:40 -0800

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [58135] NETS

Message-ID: <3857D7FC.4767DE28@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi gang, I'd like to thank Wayne/NB6M for his invaluable assistance with the QRQ Practice net. He's running the show on 80 meters and is going to be a lot stronger on 80 than I would be with my 40 meter dipole!

The QRQ net should be going for a LONG time. It is effective even with a small group and I expect others will give it a try when they realize they can get in at 13 WPM. The goal is to increase YOUR sending speed and we increase OURS. So there is no competition. It is set up so you get called specifically to take your turn and you can rest assured that as net control we'll be sure you have a go at it with your own speed and limits.

The norcal net is an interesting story. I really didn't have time to run this net and offered to keep it going when NCS was on vacation during the year. Due to his heavy QRN and limited antenna situation, I was elected to run the net. That was NOT A PROBLEM. I love this stuff! But I don't want to be alone.

I've received many emails and the general theme, if I can find

one has to do with timing.

I guess people like the flexibility of playing radio when THEY are ready, not making any committment for a sked. I'd understand that from veterans if they actually are tired of the net, but I feel most of the people just "say" this, without actually trying to commit. What I mean is, if you had a friend to meet for coffee every Saturday morning, I'm sure you'd keep that date. But if it was a difficult drive, perhaps you'd decline.

Maybe the fear is the drive to the net. Will the car make it? Will Joe's car be freshly waxed and mine dusty? I'm sure my tires aren't wide enuf for a 4x4 truck....

Relax, the net is easy. Come visit and have fun. Try it and see. If you don't like it, well, thanks for the visit. Its no more a stretch than a ragchew and when your turn is over, you get to hear everyone else comment.

Whether it is WSN-40, Norcal, or the new QRQp net, we want you to feel welcomed!

I want these to be YOUR Nets, not like when I did demos for a company some years ago when the called it "The 'Ed' Show". We are excited to hear from you and your key, no matter how dusty!

I will continue as NCS for WSN-40 each first Saturday and most assuredly spearhead the QRQ Net with Wayne/NB6M who's enthusiasm is awesome!

For the Norcal net, a volunteer is needed to rotate duties and more check-ins to keep it going.

For now, I'll see ya'll Jan. 6th, 2000! wahoo! Vacation at home. No travel. Just me, xyl, all 4 kids, 6 cats and 2 dogs and the projects --- And TIME to enjoy all of them!

72 to all.

--

-72/Ed WE6W; AR Millennium Q's=> 2383/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Wed, 15 Dec 1999 12:21:29 -0500
From: CLAUDE PALUSKI <claudewb9euu@juno.com>
To: QRP-L@LEHIGH.EDU

Subject: [58136] Re: Slashed zero
Message-ID: <19991215.122130.3198.1.CLAUDEWB9EUU@juno.com>

I have received a few requests for the slashed zero instructions, so here goes:

1 Turn off the NUM LOCK key

2 Press and hold the ALT key

3 On the number pad, punch in 0 2 1 6 (without the spaces in between.
Just did that for clarity.

And then release the ALT key

Worked for me.

This time I will write it down, (and probably lose it, so make a note of it. I may need your help again.

72 Claude WB9EUU@Juno.com

Why pay more to get Web access?
Try Juno for FREE -- then it's just \$9.95/month if you act NOW!
Get your free software today: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 15 Dec 1999 10:14:37 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [58137] Re: 80m CW activity low?
Message-ID: <01bf4728\$3f5da970\$d4f1fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve

There is another, at least partial, reason for reduced activity in the bottom 100 kHz of 80m.

Here in CA, and from ARRL I gather many other metropolitan areas, there is growing intrusion from wireless phone extension boxes. We first heard of them when TCI used them to avoid having to run a phone line to the TV set for the digital set-top boxes.

These boxes use an oscillator in the 3.5 to 3.6 MHz range, and radiate quite well, being connected through the house ac wiring.

Date: Wed, 15 Dec 1999 13:14:36 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58139] Re: code - building proficiency
Message-ID: <00ce01bf4730\$a33009e0\$356840ce@bill.ou-town.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Another really good software package is Morse Academy. It is DOS based but works under window just fine. It is a fully configurable program that is adaptable to most any code learning system, including Koch. Here is a link to the download site:

<http://www.flash.net/~nars/downmors.htm>

: -)

73
KC5ADF
Bill Allen

-----Original Message-----

From: Dan W. Dooley <dandooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, December 15, 1999 11:53 AM
Subject: RE: code - building proficiency

I inherited the laptop computer I now have (for my job) from another employee. On it was a ham exam and code practice package by "The W5YI Group".

The exam part (written) goes only up to General - at least on the copy I have here. I have not looked at any of the tests.

The code module however, I do like! It is Windows based and is pretty full featured. It can play in random or serial form. Speed, weighting, Farnsworth settings, timing, wave shaping, etc., are all configurable.

It plays from text files so you could actually create your own practice sessions so that the memorization factor is not a problem. You can even create a text file from within the program.

I've used it to listen to code as I'm driving. If you can watch the screen, there is a keyboard displayed and the chars stream across a window as they play. Yep, you can even type in chars using the keyboard (wonder what value that is?)

I know nothing of the availability or cost of this program. But, hey, it's on my computer and I'm gonna use it. I'd like to at least get to 20 wpm shortly.

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: <mailto:dandooley@pipeline.com>
Si Hoc Legere Scis Nimium Eruditionis Habes

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Bill Allen

> Sent: Wednesday, December 15, 1999 11:22 AM

> To: Low Power Amateur Radio Discussion

> Subject: code - building proficiency

>

>

> Hi,

>

> :-)

>

> I am still very much a code newby. I have passed my 5wpm. I worked up to
> about 10-11wpm and hit the "wall". I knew about the "wall" but did not
> know how to avoid it at the time. Now I am breaking through that
> wall using

> my MFJ-418 Code Tutor and the instruction on the Koch method found in the
> book "Morse Code: Breaking the Barrier" by Dave Finley, N1IRZ. I
> do believe

> it is working for me and would certainly recommend the book (and
> the MFJ-418

> for that matter) to anyone looking for a good method of code
> study. I just

> wish that I had known of the Koch method when I started out!

>

> :-)

>

> 73

> KC5ADF

> Bill Allen

>

Date: Wed, 15 Dec 1999 09:34:29 -0800
From: "Arthur G. Silvers" <ags@ieee.org>
To: Charles Greene <cgreene@loa.com>
Cc: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [58140] Re: Balanced Transmission Line & Antenna Tree Supports
Message-ID: <3857D125.45004C7A@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My apologies, Chas. The e-mail was in response to another post but I had yours open at the time. The subject was feeding a dipole with balanced line. But while we are on the subject, any multiband antenna will, and there are many designs, represent a compromise over a single frequency design. The off-center feed of the Windom is to raise the impedance at the feedpoint to present a better match to the balanced line, 300 ohm, 450 ohm, what have you. The 13% is common practice, in some circles, for designing a dipole that will be center fed with 450 ohm balanced line while using a tuner at the transmitter. A resonant dipole is typically 73 ohms purely resistive at the center. By making the dipole non-resonant, the length can be adjusted to achieve a higher center resistive and reactive impedance. I have actually determined 15% for 450 ohm line using the Smith Chart and taking the velocity factor into account, but it is hard to argue with success. Here are a couple of rules off thumb (one for each thumb) from experienced hams for dipoles center fed with 450 ohm line;

- 1) 150 feet for all bands above 3.5 MHz.
- 2) As long as physically possible.

The discussion does not apply to coax fed dipoles, which should be resonant for the single intended frequency, except that you would probably be better off with 73 ohm rather than 50 ohm coax.

As far as trees are concerned, we've got a large eucalyptus, which I wouldn't mind strangling but it would probably fall on the house, on one side of the lot and a couple of good sized redwoods, which would mean my coax if I were to use them for antenna support, at the other. In addition to QRP, I am also challenged by devising low profile antenna systems. That should be assigned a Q signal also.. How about "QRA - my antenna is not visible or disguised as something else". The two could be combined as QRPa or QRAp. Thought provoking?

72,
Arth W6AGS

Charles Greene wrote:

>
> At 09:35 AM 12/14/99 -0800, you wrote:
> How about a Windom fed 1/3 of the way from the end,
> and normally 135 ft, fed with 300 ohm line? Does the 13%
> apply to a dipole with a balun at the center, nominally 1:1,
> with 50 ohm coax going to the balun? I have one of each.
>
> 72/73 Chas, W1CG
>

Date: Wed, 15 Dec 1999 11:49:43 -0800
From: "NR6Z" <wonil@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58141] test
Message-ID: <00a801bf4735\$8b3c8020\$098cb2d1@993450>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="utf-7"
Content-Transfer-Encoding: 7bit

Date: Wed, 15 Dec 1999 13:57:43 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: rerobins@email.uncc.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58142] Re: RS SPEaker-wire "Transmission Line" [and "computer ribbon feedlines"]
Message-ID: <3.0.2.32.19991215135743.007b3930@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

And of course it works the other way too

>If I put 5 watts into my feedline and lose 80% by the time it hits the
>antenna, I still have 1 watt to radiate.

If your antenna captures enough signal to generate 10 mV into the feedline,

and you loose 80% in the feedline, you only have 2 mV at the receiver.

Think how much better your results would be if you only lost 10% of the signal in the feedline. I doubt that Jim's milliwatt results would be what they are if he'd used a dummy load for a feed line 8^)...

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Wed, 15 Dec 1999 12:04:23 -0800
From: "Wonil Lim" <wonil@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58143] test
Message-ID: <010601bf4737\$994e92a0\$098cb2d1@993450>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

test

Date: Wed, 15 Dec 1999 14:06:58 -0600
From: "George T. Baker" <w5yr@worldnet.att.net>
To: w4pj@w4bkx.ampr.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58144] Re: Upgrade/Callsign
Message-ID: <3857F4E2.71DE9EF@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Funny - never have been called W5YA . . .

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972

w4pj@w4bkx.ampr.org wrote:

>

> A CW operators callsign will be more effective if it is "heavy" and

> ends in a "DAH". Heavy means more DAHs than DITs... keeping the average
> power at a higher level, and a dit on the end of a call can get lost
> in the noise. This is especially true when operating at QRP power
> levels.
>
> de (Scott) W4PJ

--

Date: Wed, 15 Dec 1999 13:09:12 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: ELECRAFT <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [58145] Oscilloscope info
Message-ID: <385792F8.D072049D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm still playing with the HP-1741A scope I got, trying to figure out
all the buttons and knobs while I wait for the manual. Surfing the web,
I found another good "how-to" page for those of us learning about these
instruments:

<http://sm0vpo.8m.com/scope/osc-0.htm>

Check it out...it's a very good basic primer on oscilloscope use.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Wed, 15 Dec 1999 12:08:05 -0800
From: "Radman" <radman@best.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [58146] Re: code - building proficiency (W5YI's URL)
Message-ID: <05cc01bf4738\$453f9a00\$94dd56ce@vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan et al,

>>I inherited the laptop computer I now have (for my job) from another employee. On it was a ham exam and code practice package by "The W5YI Group". ///snip/// I know nothing of the availability or cost of this program. I'd like to at least get to 20 wpm shortly. <<

You might enjoy checking out W5YI's web page... *lots* of study materials, links, etc, etc....

URL: <http://www.w5yi.org/>

Have fun,

Conrad - NN6CW

Date: Wed, 15 Dec 1999 12:08:01 -0800
From: "Wonil Lim" <wonil@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58147] test
Message-ID: <011401bf4738\$18eba3e0\$098cb2d1@993450>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Date: Wed, 15 Dec 1999 14:33:02 -0600
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>
To: "'claudewb9euu@juno.com'" <claudewb9euu@juno.com>, "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Cc: "'b_bradfield@yahoo.com'" <b_bradfield@yahoo.com>
Subject: [58148] Re: Slashed zero
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA02077B33@ucusmail.spectrapoint.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Claude and the group - -

I did some experimenting with my system here, where I use MS Word, MS

Outlook, and Yahoo mail's editor, and found that the ALT-0216 =
combination
works in Outlook, but not in MS Word or Yahoo's editor. I can get =
around
this in Word by the following:

Select SYMBOL from the INSERT menu.

Select the * symbol

Press the SHORTCUT KEY button

Press the shortcut key combination that you wish to use. I chose
ALT-0

Press ASSIGN and CLOSE.

This allows you to use the assigned shortcut key anytime you want the =
=D8
symbol in MS Word.

BTW, has anyone else been seeing a HUGE delay in forwarding e-mail =
through
an ARRL alias such as w5cgh@arrl.net?

72's es 73's,

Brad, W5CGH

=3D=
=3D=3D=3D=3D=3D

Brad Bradfield, PE
(ex WB=D8CGH)
LLC

W5CGH

Test Staff Engineer
SpectraPoint Wireless =

Real men talk with their fingers!

QRP-L #377
ARS #72

SMIRK #4906
Austin QRP Club #i

QRP-ARCI #

Date: Wed, 15 Dec 1999 15:42:46 -0500
From: "Chris" <w4yyz@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [58149] Re: Slashed zero
Message-ID: <007801bf473c\$f1cf0770\$b2185c18@W4YYZ>
MIME-Version: 1.0
Content-Type: text/plain;
charset="utf-8"
Content-Transfer-Encoding: 8bit

> I have received a few requests for the slashed zero instructions, so here
> goes:
> 1 Turn off the NUM LOCK key
>
> 2 Press and hold the ALT key
>
> 3 On the number pad, punch in 0 2 1 6 (without the spaces in between.
> Just did that for clarity.
>
> And then release the ALT key
>
> Worked for me.
>
> This time I will write it down, (and probably lose it, so make a note of
> it. I may need your help again.
>
> 72 Claude WB9EUU@Juno.com
>

I tried to do the "slash zero" and only got "
Heh.. Just kidding.. But these are just IBM Character Codes (aka ASCII
codes)

Something useful would be the OHM sign " " ALT 234

-Chris

Date: Wed, 15 Dec 1999 13:57:43 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [58150] Re: Power calculations from RF voltage
Message-ID: <19991215135743.D9554@bob.localnet>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

On Wed, Dec 15, 1999 at 10:53:50AM -0500, Charles Greene wrote:

>

> That's the formula for RMS power. First convert the PP reading you have
> to RMS voltage by dividing by 2.88, then use your formula.

Err, that should be $2.818 (2 * \sqrt{2})$.

Bob, W6SWE

--

Bob Nielsen, W6SWE (RN2) Internet: nielsen@primenet.com
Tucson, AZ DM42nh AMPRnet: w6swe@w6swe.ampr.org
QRP-L #1985 <http://www.primenet.com/~nielsen>

Date: Wed, 15 Dec 1999 16:10:15 EST
From: Kr01a@aol.com
To: qrp-l@lehigh.edu
Subject: [58151] Re: Upgrade/Callsign
Message-ID: <0.2204519f.25895db7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Have had an "eye" for a last letter since '82 and don't
recall any problems in contests or conversations. I do
have to admit to some problems with my original call
however, W3VSI

73 de Mac, KR0I QRP-L 1037 QRP ARCI 3227
VP KC DX Club Kansas City, MO

Date: Wed, 15 Dec 1999 16:20:13 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [58152] Re: O.T.....Bird Slug Calibration
Message-ID: <3.0.32.19991215162007.00719fa0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:24 AM 12/15/99 -0800, you wrote:

>Sorry for the off topic but has anyone recalibrated a 50w H.F. Bird slug for
>QRP levels ??

Dave,
I am curious whether it might be better to sell the Bird Wattmeter
and apply that money on a meter intended for QRP.
73 Pete NV4V

AAaaaarrrgghhhhh!!!

> Sorry, the symbol got lost in the translation in my last message. =
Where

> zero symbol from the character table. See now I thought it was =
perfectly

≥ 20

≥ 20

≥ 20

=3D=
=3D=
=3D=3D=3D=3D=3D=3D=3D

Figure 7-80: A diagram showing three rows of repeating units represented by "3D". The first row contains 16 units followed by an equals sign. The second row also contains 16 units followed by an equals sign. The third row contains 9 units.

 ≥ 20

```
> (ex WB=D8CGH)                               SpectraPoint =
Wireless LLC
```

≥ 20

≥ 20

> ORP-L #377 SMIRK #4906 ORP-ARCI #

> ARS #72 Austin QRP Club #i
>=20
>=20

Date: Wed, 15 Dec 1999 14:22:48 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [58154] Re: Upgrade/Callsign
Message-ID: <19991215142248.E9554@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Wed, Dec 15, 1999 at 12:40:48PM -0500, Bob Patten wrote:

> On Wed, 15 Dec 1999 w4pj@w4bkx.ampr.org wrote:
> >
> > A CW operators callsign will be more effective if it is "heavy" and
> > ends in a "DAH". Heavy means more DAHs than DITs... keeping the average
> > power at a higher level, and a dit on the end of a call can get lost
> > in the noise. This is especially true when operating at QRP power
> > levels.
> >
> This is very true. While QRP in the 160 test, I had MANY return my call
> as N4DW. In spite of numerous attempts to correct it to N4BP, I'm sure
> many still had me wrong in their logs...

Amen to that. The single "E" at the end has caused me all sorts of CW problems. Besides, as a "6" in "7-land" for the past 15 years, I guess I finally see the light (I'm planning to relocate next year, but it will still be in the 7 area). I sort of hate to give it up after 47 years, but am printing out the Form 605 as I type this.

Bob, W6SWE

--
Bob Nielsen, W6SWE (RN2) Internet: nielsen@primenet.com
Tucson, AZ DM42nh AMPRnet: w6swe@w6swe.ampr.org
QRP-L #1985 http://www.primenet.com/~nielsen

Date: Wed, 15 Dec 1999 16:34:40 -0500
From: dnt1@daimlerchrysler.com
To: qrp-l@Lehigh.EDU
Subject: [58155] N/T+ Fox : KF4YWT NOT!
Message-ID: <0F63858691.2454A018-0N85256848.00766970@notes.chrysler.com>
MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

Attention all:

KF4YWT is not going to be on the air tonight as N/T+ fox per the schedule; his fever is still around 100 deg. & he will be in bed instead of the shack. Thanks!

73,

Don T. AI4CW

Date: Wed, 15 Dec 1999 02:51:24 -0700
From: Roy <marion@montana.com>
To: nielsen@primenet.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58156] Re: Upgrade/Callsign
Message-ID: <199912152149.0AA28325@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:22 PM 12/15/99 -0700, Bob Nielsen wrote:

>Amen to that. The single "E" at the end has caused me all sorts of CW
>problems. Besides, as a "6" in "7-land" for the past 15 years, I guess
>I finally see the light (I'm planning to relocate next year, but it
>will still be in the 7 area). I sort of hate to give it up after 47 years,
>but am printing out the Form 605 as I type this.

>

>Bob, W6SWE

>

Don't do It Bob. I have not had any problems with my "e". Maybe its the "c" before the "e". When some one doesn't get my call they always come back with "CE?" I have only had my call for 7yrs, not 47, I am not changing.

72 Roy AB7CE

Date: Wed, 15 Dec 1999 16:59:42 EST
From: "Kent, AE4Y" <ae4y@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [58157] Re: 80m CW activity low?
Message-ID: <19991215215942.66559.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I don't think that there is any doubt about it; activity on 80 meter CW is significantly down over the past few years. Tuning the low 100 kHz or the segment between 3650 and 3750 is like tuning across the 10 meter band at a sunspot minimum.

I don't seem to notice a corresponding reduction in CW activity on any of the other bands, however.

Kent, AE4Y

QRP ARCI #4175 QRP-L #1844
Visit: <http://www.qsl.net/ae4y/>

>From: "Steve/n0tu" <n0tu@webaccess.net>
>Reply-To: n0tu@webaccess.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: 80m CW activity low?
>Date: Tue, 14 Dec 1999 20:25:56 -0700
>
>Just curious if it's my imagination or has 80m CW activity dropped off the
>last couple years?
>
>I can remember maybe ten years ago during the dark cold winter evenings
>tuning across 80 and hearing lots of strong QSOs. I wouldn't say it was
>crowded ...but still maybe you would here 30 or so signals tuning up from
>the bottom of the band. Recently I've been listening while melting soldier
>and I rarely hear more 5 or 6 QSOs going in the bottom100KHz. Are all the
>old CW ops fading away or just busy shopping online or trying out their K2
>SSB option? Seriously, I think 80m CW activity seems to have dropped off
>compared to years past! IMHO
>
>Steve/n0tu
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 15 Dec 1999 17:10:28 -0500
From: Wayne A Smith <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [58158] Cleaning shack
Message-ID: <19991215.171031.7646.0.k8ff@juno.com>

I have the following items FOR SALE.

1. Radio Shack HTX-100 10 meter SSB & CW radio in excellent working condition with mobile bracket but no manual....\$125 plus UPS
2. Alinco DR-150 2 meter FM xceiver plus 440 RX only \$140.00 plus UPS
3. TenTec 1330 30 meter CW rig with built-in Emtech audio filter \$80 plus UPS
4. SWL GM-20 20 meter CW rig by NN1G. Built in a clamshell plastic instrument case with built in A&A keyer, has 10 turn pot and matching dial \$75.00 plus UPS
5. NORCAL NC-40A, original type (not wilderness radio). Good condition with painted case and Tick keyer built in \$75 plus UPS

I guarantee that all equipment is as advertised and will refund your money if not satisfied. E-mail or telephone me at (440)543-7324 evenings.

Seasons greetings

Wayne K8FF

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Date: Wed, 15 Dec 1999 17:37:05 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [58159] Where Get QRP 2000 Contest Calendar?
Message-ID: <199912151739_MC2-913C-7E9B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;

charset=us-ascii
Content-Disposition: inline

Gang:

Several have written me to ask where/how to buy one of the 2000 QRP Contest calendars. Here's who to write to directly:

Ron Polityka
de WB3AAL
wb3aal@talon.net

This calendar is a project of the Eastern Pennsylvania QRP Club. i feel certain Ron will be glad to hear from you :-)..

GL one and all in tonight's FOX hunt. Here's hoping for great propagation and a record number of pelts.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Wed, 15 Dec 1999 16:51:50 -0600
From: Ron White <rwhite@netins.net>
To: qrp-l@Lehigh.EDU
Subject: [58160] Slashed Zero
Message-ID: <3.0.1.32.19991215165150.006f4fd8@pop3.netins.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Another 2 cents worth.

In windows there is a program called charmap.exe, which is short for character map. It is listed under start/programs/accessories. When you are using a word processor, or any other program with text, you can go to this and it will allow you to insert any character listed. It has the different fonts and it also gives the ascii number for a particular character you have highlighted.

Ron

Ron White

e-mail: rwhite@netins.net
amateur radio: wa=D8mww
"greed kills conscience"

Date: Wed, 15 Dec 1999 17:59:45 EST
From: NB6M@aol.com
To: sruiz@bright.net
Cc: qrp-1@lehigh.edu
Subject: [58161] Re: looking for frequency counter..
Message-ID: <0.f58bb0d0.25897761@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

For the cheap frequency counter, why not go with the Freq Mite that Dave Benson (Small Wonder Labs) sells for about \$20 or so. It announces the freq in CW (slow or fast at your choice) and can be programmed to read the whole frequency in the case of wanting to use it with multiple rigs.

I have one built into a two band rig I made using two of the SW series boards, one for 40 and one for 20, and use one of his Freq Mites to read the frequency of either one, whichever one I have selected.

Works really well, and even if you build it into a rig all it would take to read a signal from another rig would be to install a jack and the appropriate wire to the input of the Freq Mite, and you could read a low voltage signal from any other VFO or Rig.

Good luck.

Wayne, NB6M

Date: Thu, 16 Dec 1999 10:05:43 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58162] Re: code - building proficiency
Message-ID: <38581EC7.C2FC3F13@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

FWIW here is some Javascript (cw equivalent of typed in phrase) you can

download or have emailed back to you.

<http://javascript.internet.com/equivalents/morse-code.html>

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S
151o:34':00" E

VK2TIP "I'll give you the TIP mate" QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/> URL -

<http://www.qsl.net/vk2tip/>

Date: Wed, 15 Dec 1999 18:16:37 EST
From: Dean W Manley <kh6b@juno.com>
To: mike@gold.chem.hawaii.edu
Cc: qrp-1@Lehigh.EDU, kh6b@juno.com
Subject: [58163] ARRL 10M Contest Results
Message-ID: <19991215.131723.5391.0.kh6b@juno.com>

ARRL 10M Contest results, Decmeber 11-12, 1999
Location: Laupahoehoe Point Beach Park, Hawaii
Combined efforts of HI QRP Club & Hilo ARC
Call sign: KH6IN (Hon Cho Wong memorial)
Entry class: Multioperator, QRP 5watts.

Valid Qs = 240, QSO Points = 960,
43 states, 5 provinces, 24 countries, Multipliers = 72
Claimed score = 69,120
Time: 23 hours. Best rate: 28 Qs/hour.
Operators: KH6B, KH6AFS, KH6BMM.
Chefs, antenna installers and encouragers: KH6AFQ,
NH6XB, KH6GQM, WH6JL, KH7T and KH7S0.

Equipment: Elecraft K2, Ten-Tec Scout, SG-2020
(all operated at 5 watts), 5 el Yagi at 22 feet. Regret
that weather conditions did not permit use of the
10 el "portable" Serba Curtain.

Weather: seasonable with rain showers. Scattered
sunshine on Friday and Sunday.

Aloha,
Dean KH6B
Hilo Hawaii

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Date: Wed, 15 Dec 1999 18:28:52 EST
From: NB6M@aol.com
To: we6w@qsl.net
Cc: qrp-1@lehigh.edu
Subject: [58164] Re: QRQ NET
Message-ID: <0.15ac215a.25897e34@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I loudly second the idea that the QRQ net is not just for those who are able or want to practice CW at the higher speeds. It is for EVERYONE who is interested in practicing and increasing their own speed and efficiency.

So, whatever your comfortable speed is, check in and the Net station will adjust to your speed for replies and communications to you. Don't be afraid to push the envelope and stretch your abilities a bit.

The idea is to try to send (as cleanly as you can) just a bit faster than your usual speed, and to try to copy at slightly higher speeds as well. If we all do this, we can help each other improve our skills. The benefit is obvious, and there will be a smorgasbord of sending speeds to listen to, so you should be able to copy some of the other traffic as well as the exchanges directed to you from the Net station.

Hope to see you all there.

Wayne, NB6M

Date: Wed, 15 Dec 1999 17:37:05 -0600
From: "George T. Baker" <w5yr@worldnet.att.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58165] Re: O.T.....Bird Slug Calibration
Message-ID: <38582621.21CDDA9F@worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I strongly suspect that any attempt to "mess with" a Bird slug would accomplish little more than destroying its calibration. Those folks have good reasons for rating their 50 watt slug at that power level. As for not making one with a lower power rating for HF, that is probably a marketing issue.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972

> >Sorry for the off topic but has anyone recalibrated a 50w H.F. Bird slug for
> >QRP levels ??
> Dave VE7PCC Vancouver BC Canada

Date: Wed, 15 Dec 1999 18:45:07 EST
From: KB0R@aol.com
To: ae4y@hotmail.com, qrp-1@lehigh.edu
Subject: [58166] Re: 80m CW activity low?
Message-ID: <0.16c9e644.25898203@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have been looking for 80m activity also and been disappointed. Time for a fox hunt on 80?

Date: Wed, 15 Dec 1999 17:56:02 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58167] Re: 2000 ARRL Leather Bound Radio Amateurs Handbook
Message-ID: <002e01bf4757\$f2343da0\$4337a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I received number 1825 as an early surprise Christmas gift from my wife! I plan on putting wear and tear on mine though. It becomes more valuable to me that way. Hopefully this one doesn't have the self-destructing paper :-)

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

End of QRP-L Digest 1670

